

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091224.D
 Acq On : 17 Nov 2016 20:43
 Operator : UM/SJ
 Sample : H5628-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Quant Time: Nov 18 03:08:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	190540	20.00	ng	-0.03
21) Naphthalene-d8	7.90	136	817765	20.00	ng	-0.05
38) Acenaphthene-d10	9.66	164	455461	20.00	ng	-0.03
63) Phenanthrene-d10	11.14	188	689861	20.00	ng	-0.03
75) Chrysene-d12	13.78	240	507412	20.00	ng	-0.03
86) Perylene-d12	15.14	264	375569	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1447647	125.48	ng	-0.01
7) Phenol-d6	6.28	99	1657022	105.82	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1235107	82.39	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	511432	124.20	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	2217184	83.81	ng	-0.05
78) Terphenyl-d14	12.73	244	1902612	93.57	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	205301	31.11	ng	94
3) Pyridine	2.90	79	305456	19.78	ng	95
4) n-Nitrosodimethylamine	2.82	42	214293	35.09	ng	92
6) Aniline	6.32	93	116662	6.32	ng	# 71
8) 2-Chlorophenol	6.41	128	585985	42.58	ng	97
9) Benzaldehyde	6.19	77	39940	4.60	ng	96
10) Phenol	6.29	94	555528	32.05	ng	# 64
11) bis(2-Chloroethyl)ether	6.37	93	637602	43.66	ng	87
12) 1,3-Dichlorobenzene	6.80	146	538427	38.68	ng	97
13) 1,4-Dichlorobenzene	6.64	146	625283	41.87	ng	96
14) 1,2-Dichlorobenzene	6.80	146	555129	40.50	ng	95
15) Benzyl Alcohol	6.78	79	489802	44.34	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.91	45	717181	34.30	ng	# 46
17) 2-Methylphenol	6.91	107	459806	42.21	ng	# 91
18) Hexachloroethane	7.13	117	236148	40.86	ng	92
19) n-Nitroso-di-n-propylamine	7.06	70	485137	44.71	ng	# 90
20) 3+4-Methylphenols	7.07	107	612536	46.83	ng	96
22) Acetophenone	7.05	105	857585	45.55	ng	# 94
24) Nitrobenzene	7.22	77	695191	41.99	ng	93
25) Isophorone	7.46	82	1272255	44.04	ng	99
26) 2-Nitrophenol	7.54	139	319696	45.63	ng	# 68
27) 2,4-Dimethylphenol	7.58	122	509167	43.94	ng	97
28) bis(2-Chloroethoxy)methane	7.68	93	790631	50.10	ng	100
29) 2,4-Dichlorophenol	7.78	162	486111	48.07	ng	96
30) 1,2,4-Trichlorobenzene	7.86	180	529922	46.61	ng	98
31) Naphthalene	7.93	128	1761529	45.04	ng	99
32) Benzoic acid	7.76	122	268523	31.64	ng	96
33) 4-Chloroaniline	8.01	127	94766	5.83	ng	96
34) Hexachlorobutadiene	8.05	225	296679	48.34	ng	98
35) Caprolactam	8.38	113	76434	24.06	ng	# 74
36) 4-Chloro-3-methylphenol	8.50	107	542572	44.32	ng	93
37) 2-Methylnaphthalene	8.62	142	1152478	45.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	544883	46.92	ng	98
40) Hexachlorocyclopentadiene	8.77	237	404902	89.05	ng	97

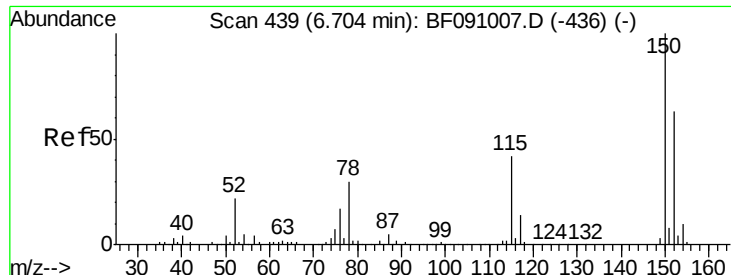
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	340654	45.44	ng	98
43) 2,4,5-Trichlorophenol	8.97	196	375392	47.69	ng	98
45) 1,1'-Biphenyl	9.09	154	1451321	43.64	ng	97
46) 2-Chloronaphthalene	9.12	162	1166124	46.18	ng	96
47) 2-Nitroaniline	9.22	65	348378	37.18	ng	93
48) Acenaphthylene	9.53	152	1668164	42.39	ng	99
49) Dimethylphthalate	9.40	163	1308560	43.81	ng	99
50) 2,6-Dinitrotoluene	9.47	165	316996	49.53	ng	# 56
51) Acenaphthene	9.70	154	1076485	43.57	ng	99
52) 3-Nitroaniline	9.64	138	70972	9.35	ng	85
53) 2,4-Dinitrophenol	9.76	184	241885	70.21	ng	89
54) Dibenzofuran	9.87	168	1436414	43.19	ng	98
55) 4-Nitrophenol	9.82	139	295750	60.05	ng	# 82
56) 2,4-Dinitrotoluene	9.87	165	336870	41.37	ng	# 76
57) Fluorene	10.21	166	1202607	44.24	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	306586	49.72	ng	96
59) Diethylphthalate	10.10	149	1244205	40.63	ng	98
60) 4-Chlorophenyl-phenylether	10.20	204	531810	42.99	ng	# 78
61) 4-Nitroaniline	10.25	138	249759	32.53	ng	92
62) Azobenzene	10.36	77	1426924	39.59	ng	87
64) 4,6-Dinitro-2-methylphenol	10.28	198	183522	43.44	ng	# 50
65) n-Nitrosodiphenylamine	10.33	169	1005850	45.87	ng	100
66) 4-Bromophenyl-phenylether	10.69	248	359336	50.08	ng	# 82
67) Hexachlorobenzene	10.76	284	423083	53.46	ng	# 82
68) Atrazine	10.86	200	285551	45.14	ng	96
69) Pentachlorophenol	10.96	266	329905	94.12	ng	98
70) Phenanthrene	11.17	178	1757803	47.93	ng	99
71) Anthracene	11.22	178	1649169	42.30	ng	99
72) Carbazole	11.38	167	1399393	39.83	ng	99
73) Di-n-butylphthalate	11.72	149	2055898	46.53	ng	100
74) Fluoranthene	12.35	202	1511556	39.74	ng	95
76) Benzidine	12.49	184	43574	3.84	ng	98
77) Pyrene	12.58	202	1661803	50.01	ng	99
79) Butylbenzylphthalate	13.21	149	750903	47.24	ng	# 86
80) Benzo(a)anthracene	13.77	228	1242709	43.14	ng	100
81) 3,3'-Dichlorobenzidine	13.73	252	189236	18.70	ng	# 98
82) Chrysene	13.80	228	1232405	43.38	ng	98
83) Bis(2-ethylhexyl)phthalate	13.77	149	959195	44.59	ng	# 99
84) Di-n-octyl phthalate	14.39	149	1710029	48.35	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.42	276	1004663	42.62	ng	95
87) Benzo(b)fluoranthene	14.80	252	2172247	85.28	ng	99
88) Benzo(k)fluoranthene	14.80	252	2174077	97.30	ng	97
89) Benzo(a)pyrene	15.09	252	994086	44.83	ng	99
90) Dibenzo(a,h)anthracene	16.42	278	853698	44.53	ng	99
91) Benzo(g,h,i)perylene	16.79	276	796618	45.95	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 432

Delta R.T. -0.03 min

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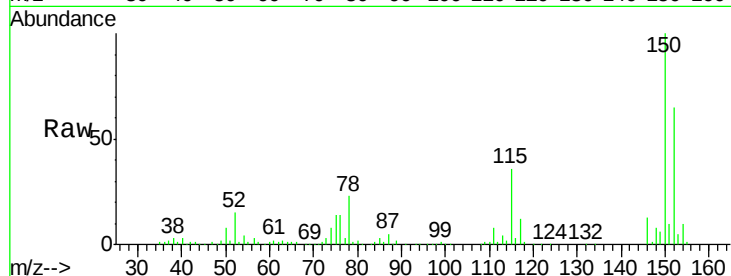
Tgt Ion:152 Resp: 190540

Ion Ratio Lower Upper

152 100

150 153.7 126.8 190.2

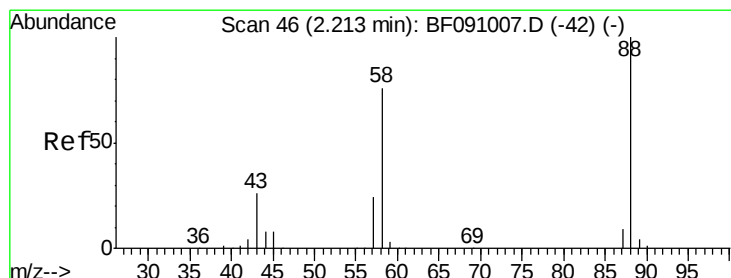
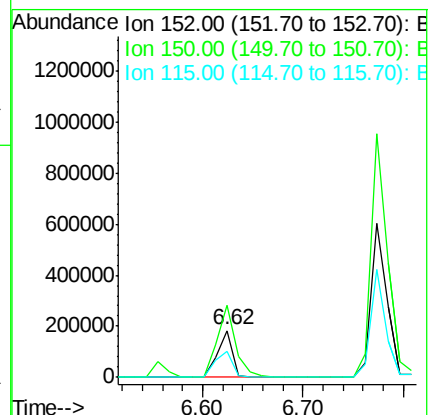
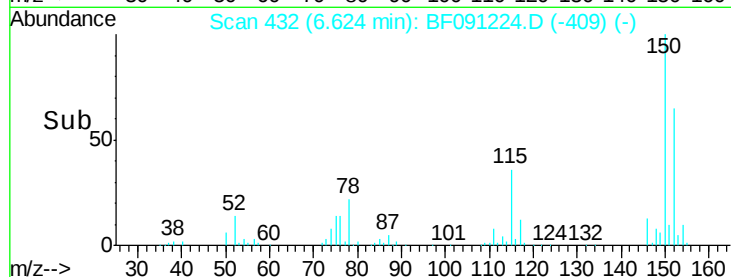
115 55.0 53.3 79.9



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: 31.11 ng

RT: 2.28 min Scan# 52

Delta R.T. 0.14 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

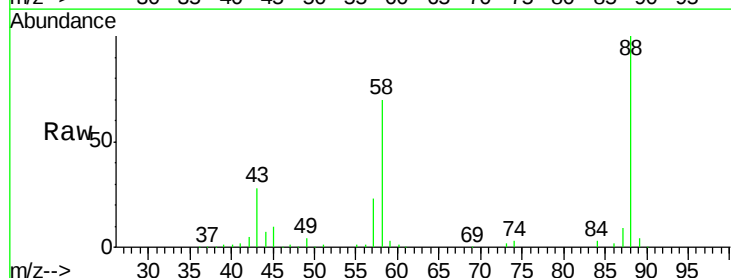
Tgt Ion: 88 Resp: 205301

Ion Ratio Lower Upper

88 100

58 74.3 63.8 95.6

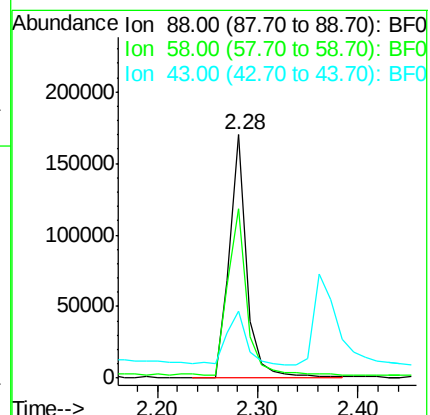
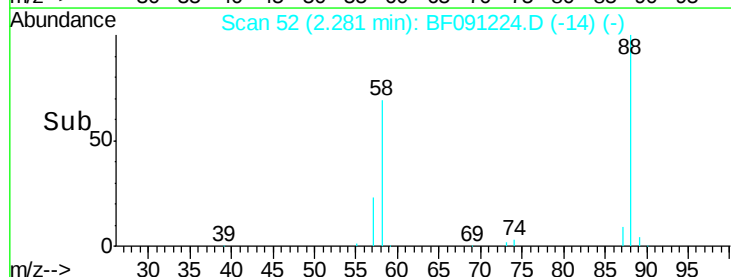
43 24.9 22.6 33.8

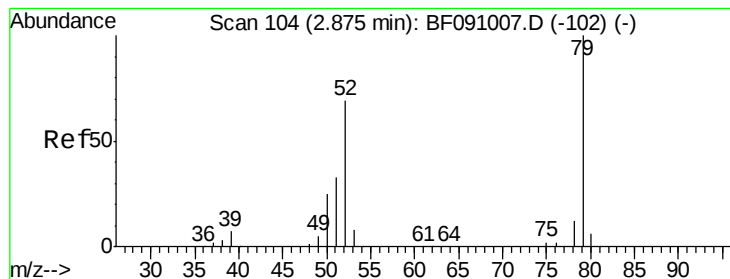


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 19.78 ng

RT: 2.90 min Scan# 106

Delta R.T. 0.11 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

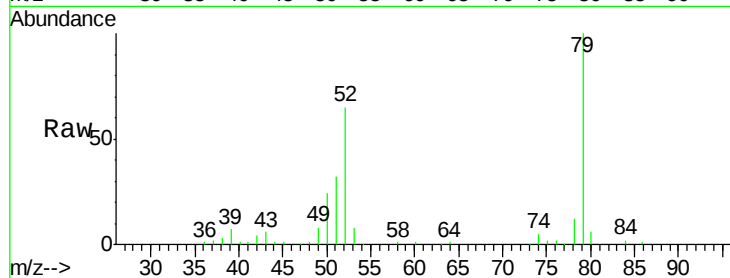
Tgt Ion: 79 Resp: 305456

Ion Ratio Lower Upper

79 100

52 64.6 55.4 83.0

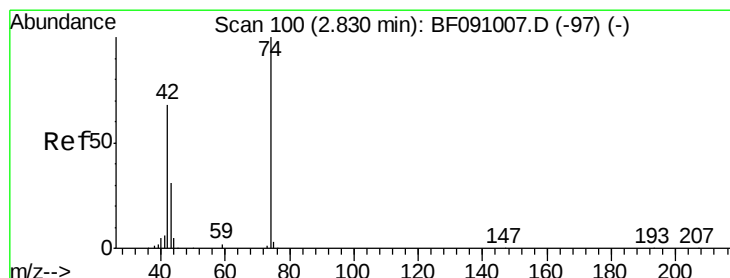
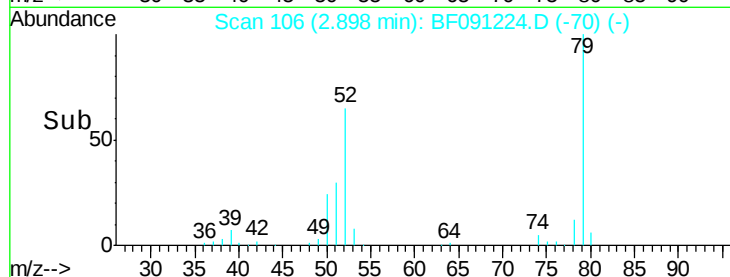
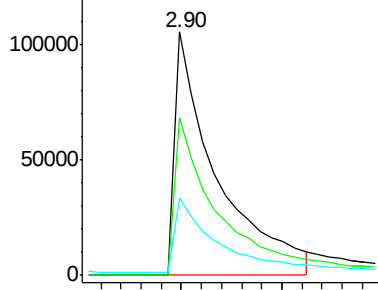
51 32.0 27.4 41.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.09 ng

RT: 2.82 min Scan# 99

Delta R.T. 0.07 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

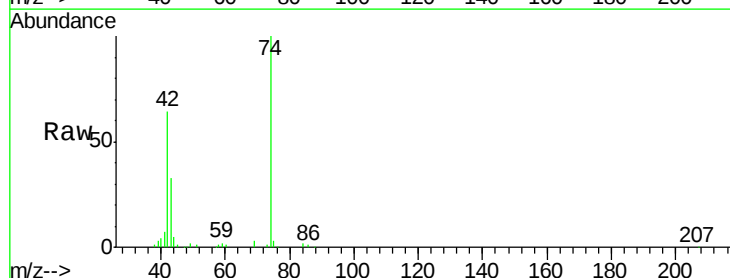
Tgt Ion: 42 Resp: 214293

Ion Ratio Lower Upper

42 100

74 157.3 117.3 175.9

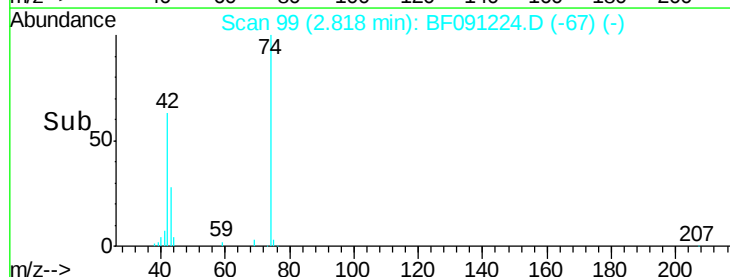
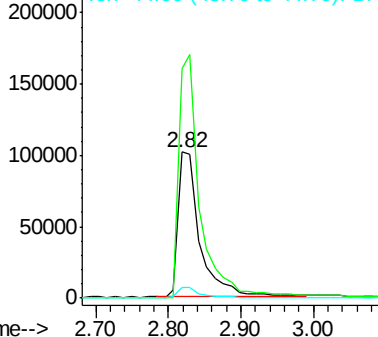
44 7.4 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.48 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

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ClientSampleId :

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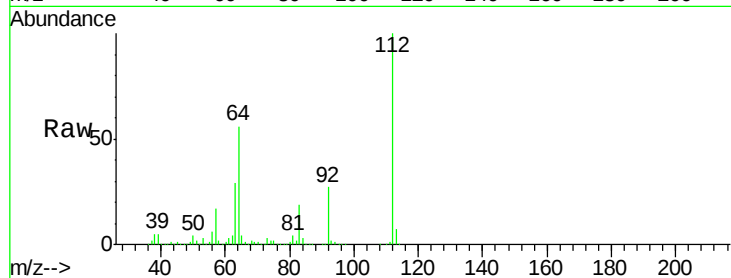
Tgt Ion:112 Resp: 1447647

Ion Ratio Lower Upper

112 100

64 56.4 55.8 83.6

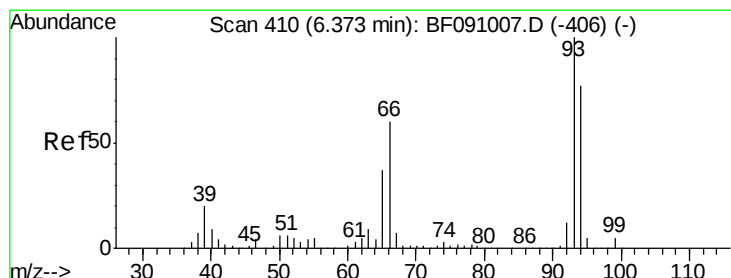
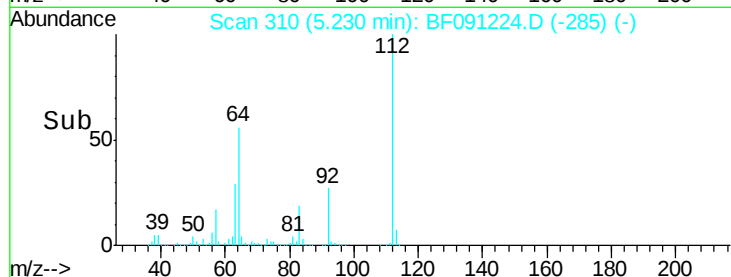
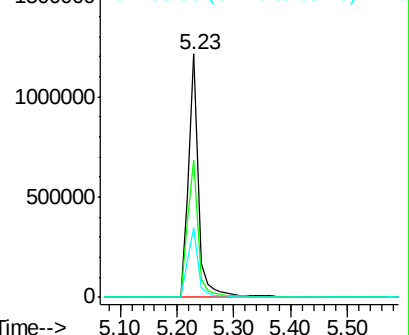
63 28.7 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.32 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

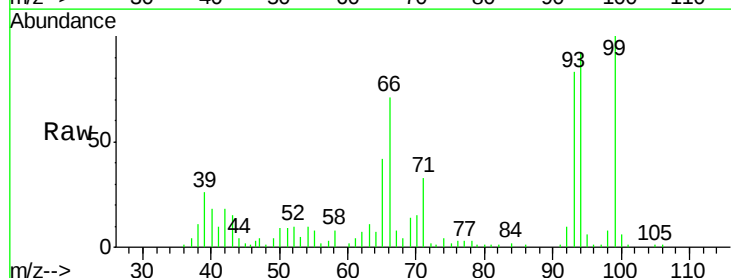
Tgt Ion: 93 Resp: 116662

Ion Ratio Lower Upper

93 100

66 84.8 48.2 72.2#

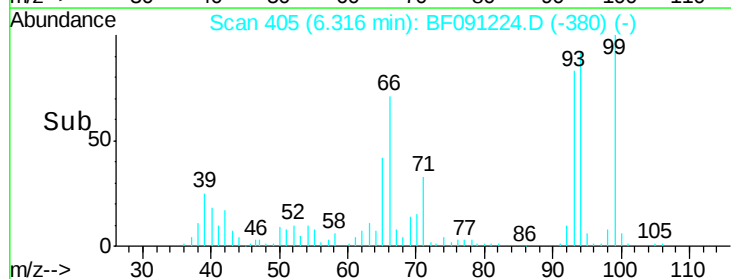
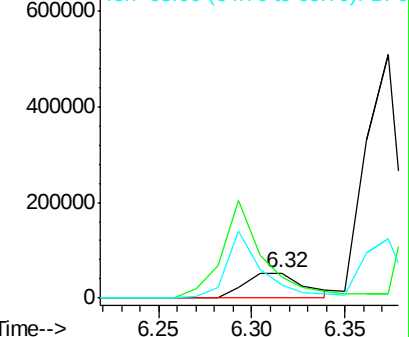
65 50.7 29.4 44.0#



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: 105.82 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

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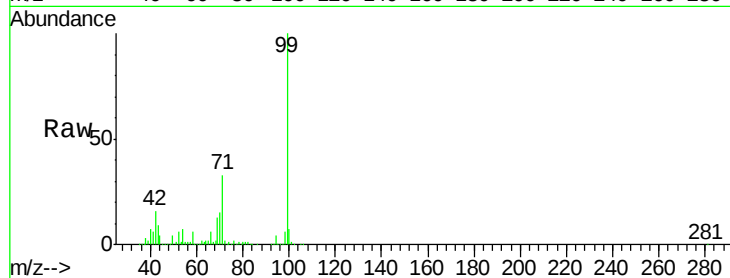
Tgt Ion: 99 Resp: 1657022

Ion Ratio Lower Upper

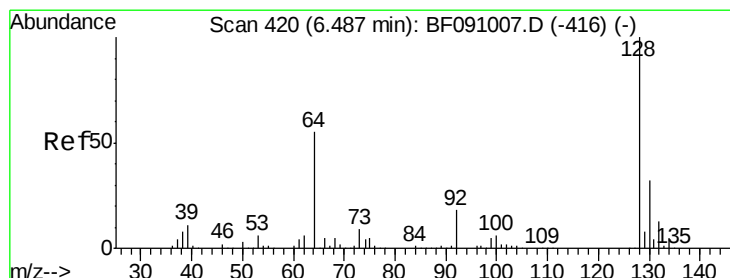
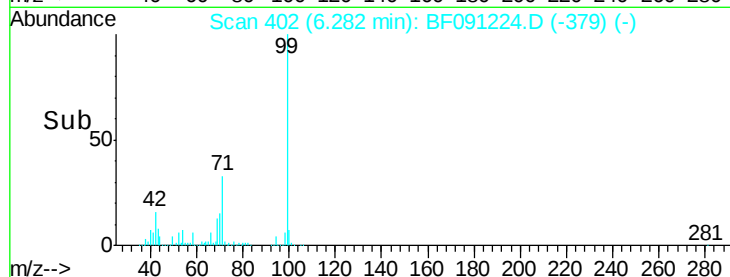
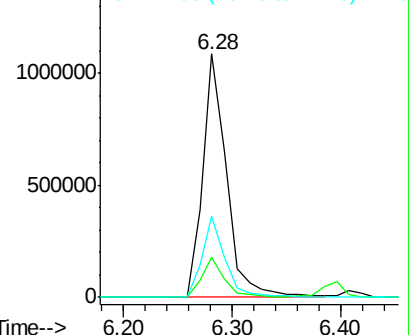
99 100

42 16.3 13.9 20.9

71 33.2 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.58 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

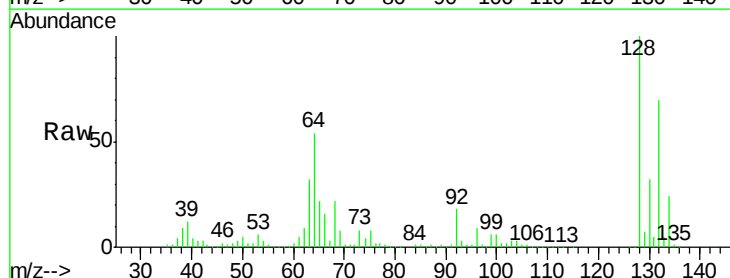
Tgt Ion: 128 Resp: 585985

Ion Ratio Lower Upper

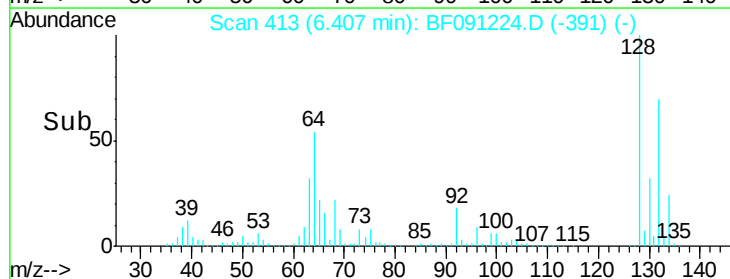
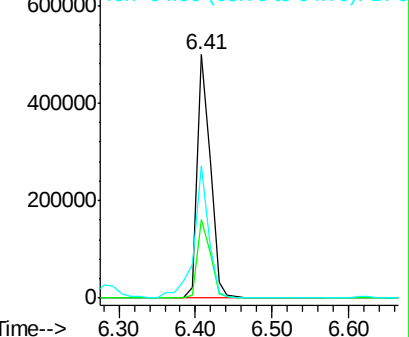
128 100

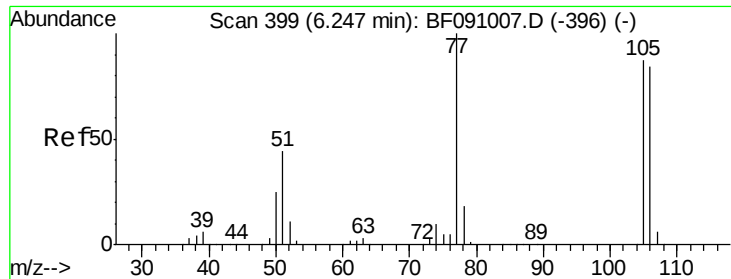
130 32.2 12.0 52.0

64 54.2 37.2 77.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.60 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091224.D

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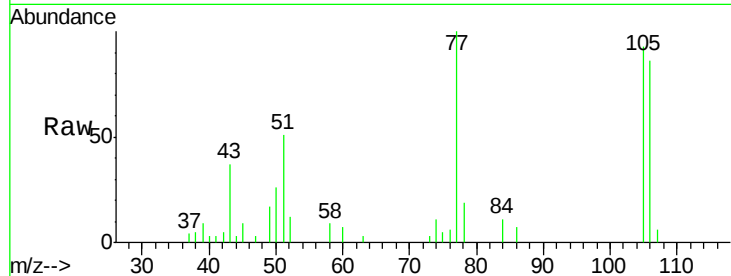
Tgt Ion: 77 Resp: 39940

Ion Ratio Lower Upper

77 100

105 92.9 66.8 106.8

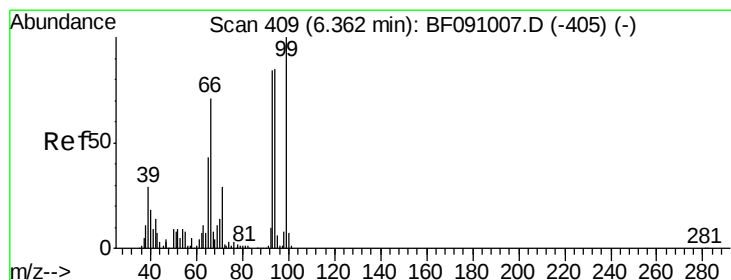
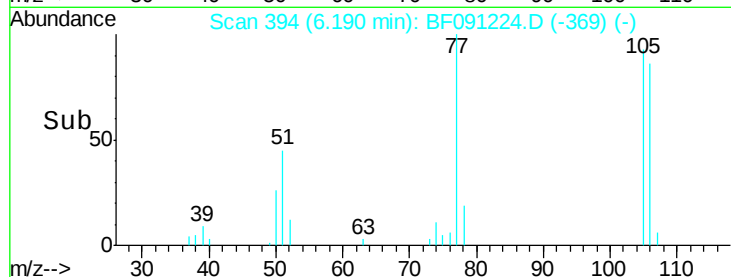
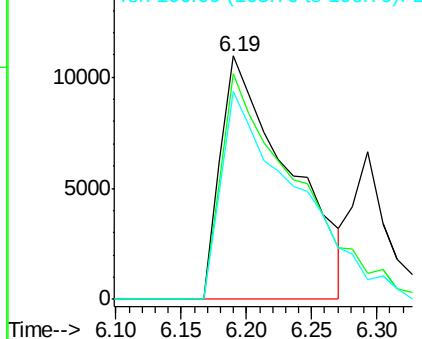
106 85.6 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.05 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

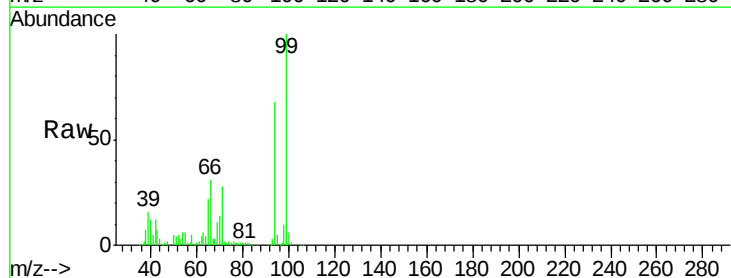
Tgt Ion: 94 Resp: 555528

Ion Ratio Lower Upper

94 100

65 31.8 30.4 70.4

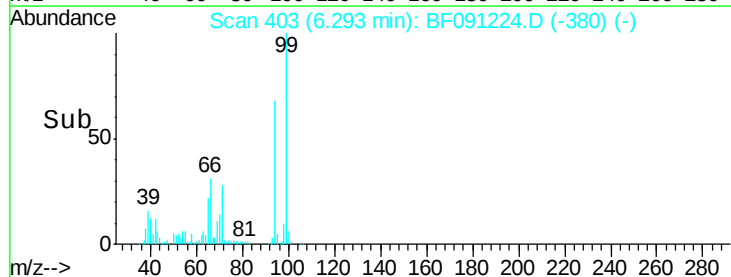
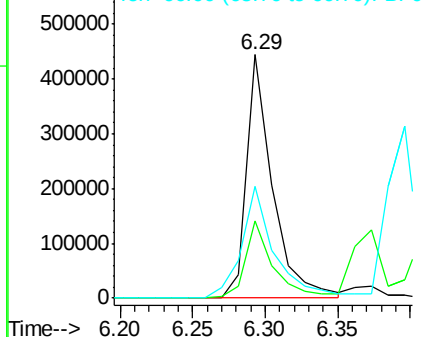
66 45.7 62.9 102.9#

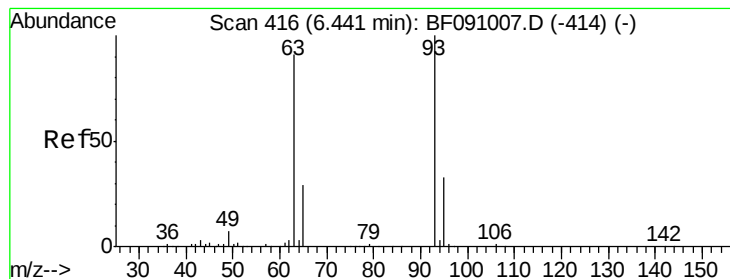


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.66 ng

RT: 6.37 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

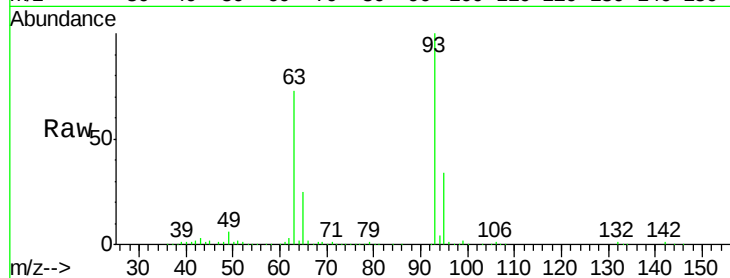
Tgt Ion: 93 Resp: 637602

Ion Ratio Lower Upper

93 100

63 73.4 68.9 108.9

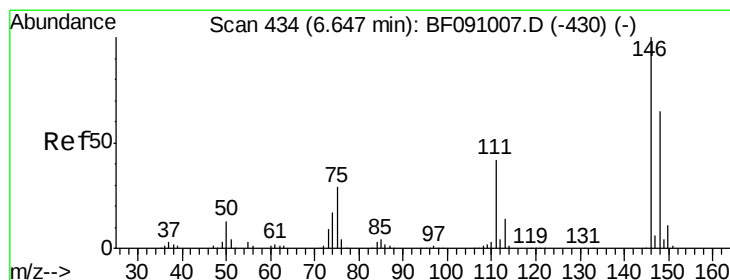
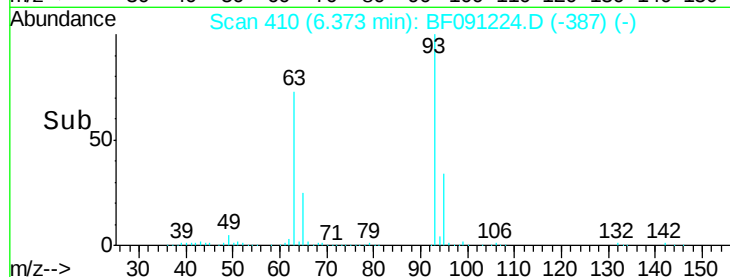
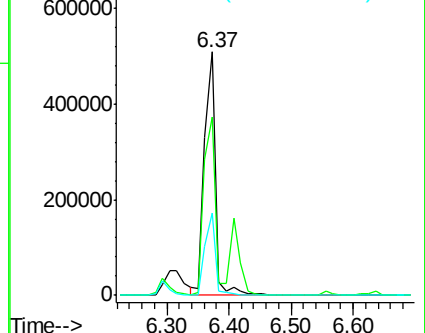
95 33.6 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.68 ng

RT: 6.80 min Scan# 447

Delta R.T. 0.19 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

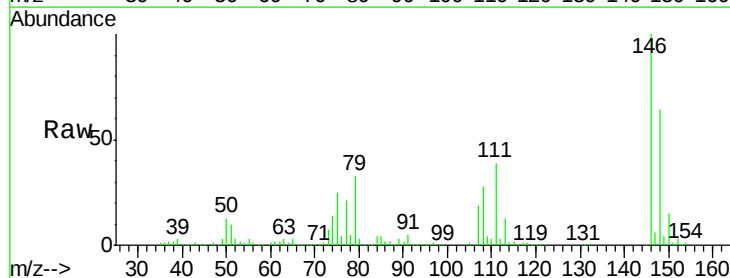
Tgt Ion: 146 Resp: 538427

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

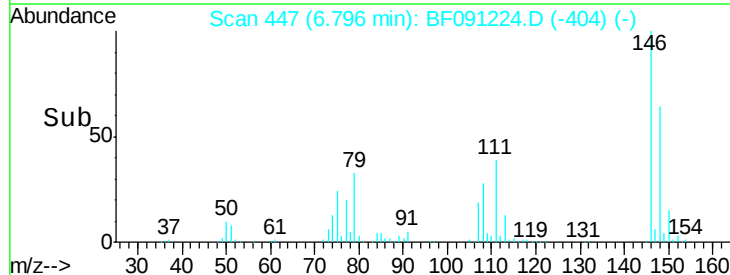
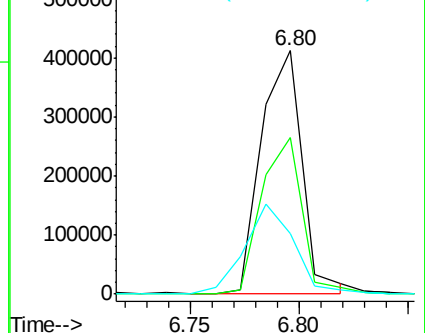
75 24.9 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

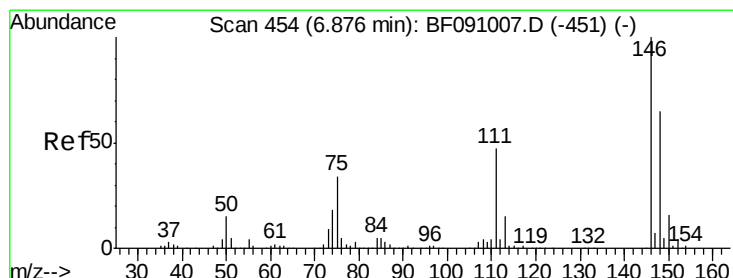
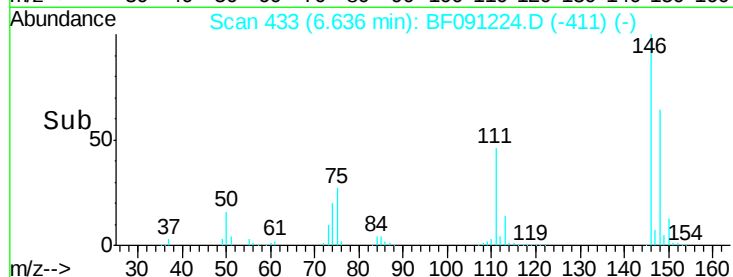
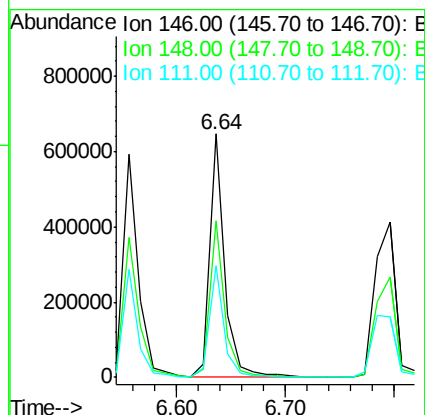
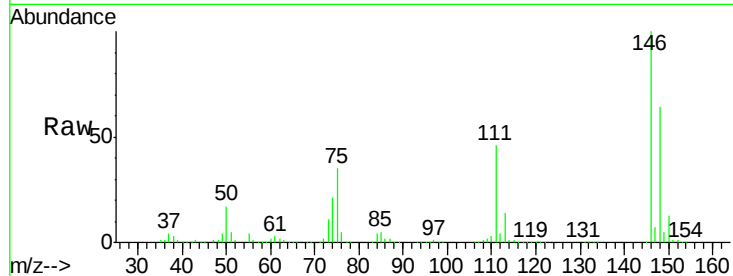




#13
 1,4-Dichlorobenzene
 Concen: 41.87 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

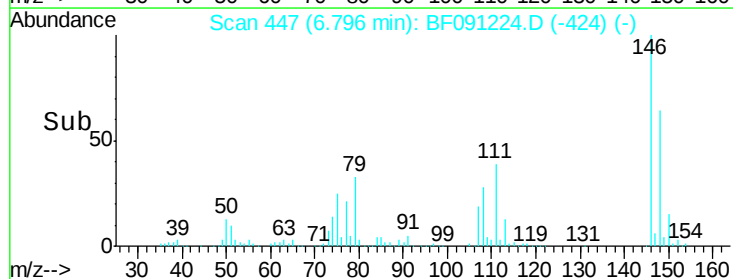
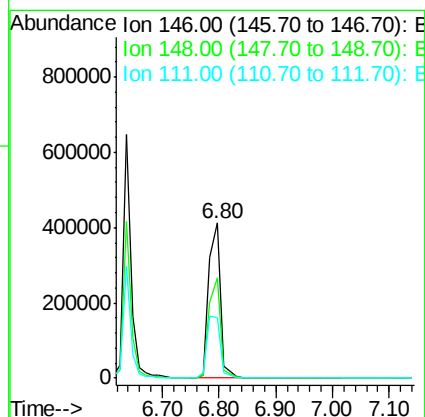
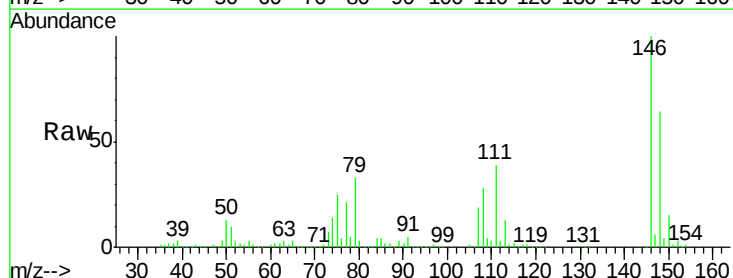
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

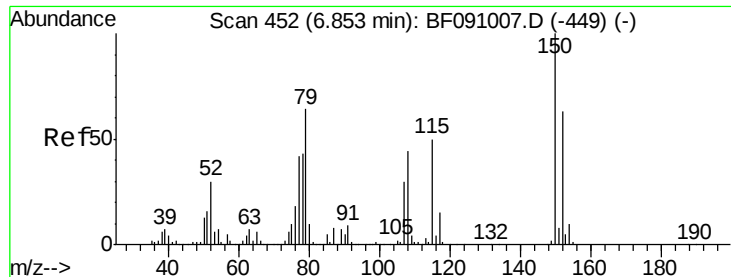
Tgt Ion:146 Resp: 625283
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.1 78.1
 111 45.8 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 40.50 ng
 RT: 6.80 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:146 Resp: 555129
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.6 77.4
 111 38.9 37.3 55.9





#15

Benzyl Alcohol

Concen: 44.34 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

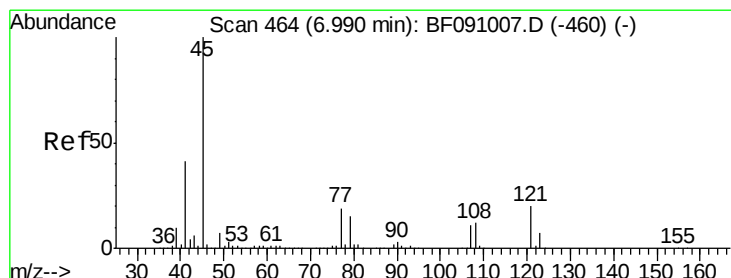
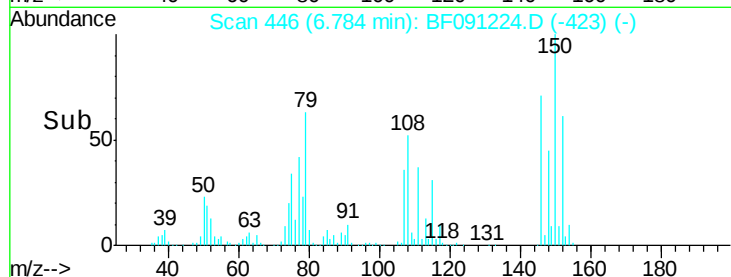
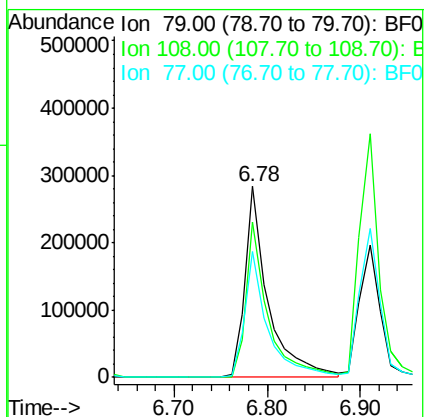
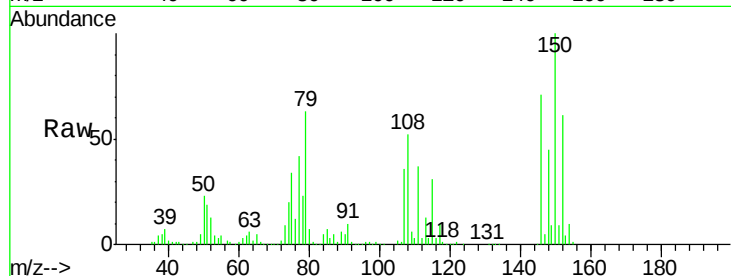
Tgt Ion: 79 Resp: 489802

Ion Ratio Lower Upper

79 100

108 81.7 55.7 83.5

77 66.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.30 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

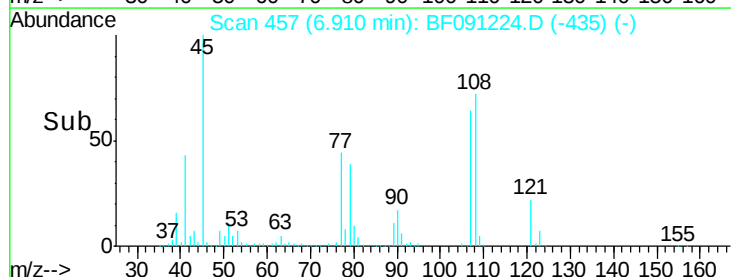
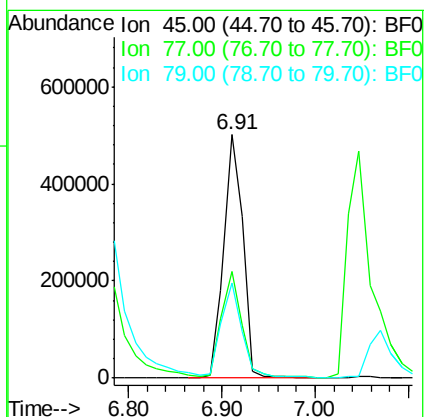
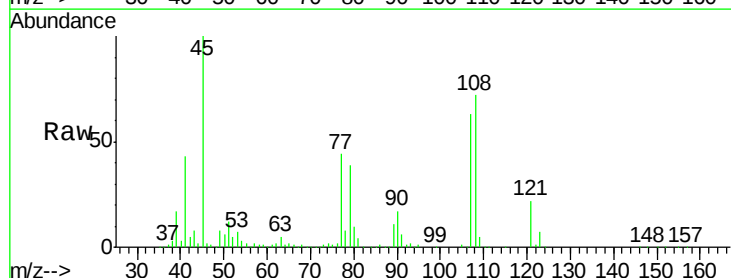
Tgt Ion: 45 Resp: 717181

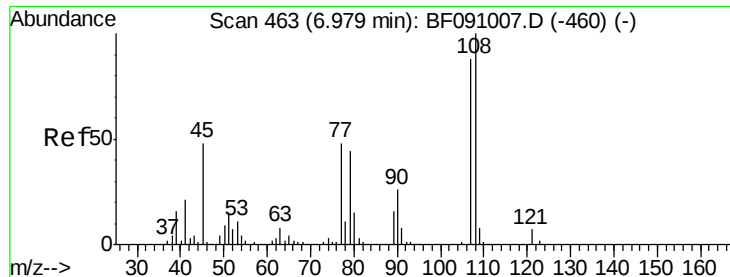
Ion Ratio Lower Upper

45 100

77 44.0 0.0 39.6#

79 39.1 0.0 35.9#





#17

2-Methylphenol

Concen: 42.21 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tgt Ion:107 Resp: 459806

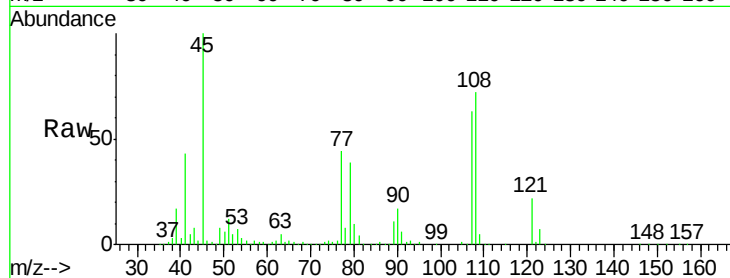
Ion Ratio Lower Upper

107 100

108 113.7 91.0 136.6

77 69.4 43.8 65.8#

79 61.6 40.6 60.8#

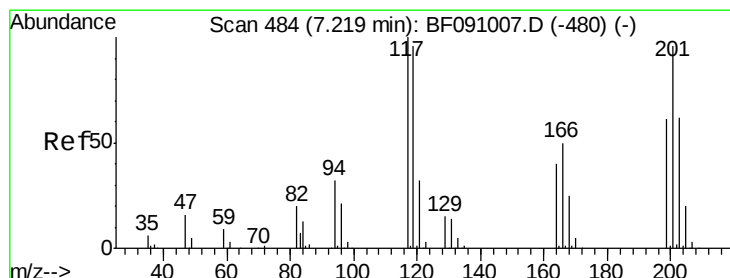
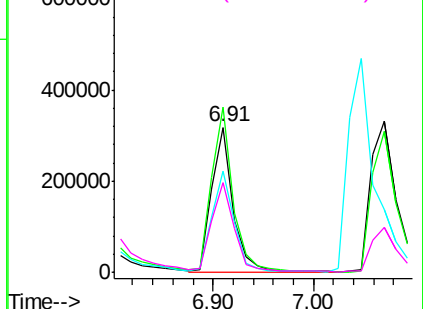
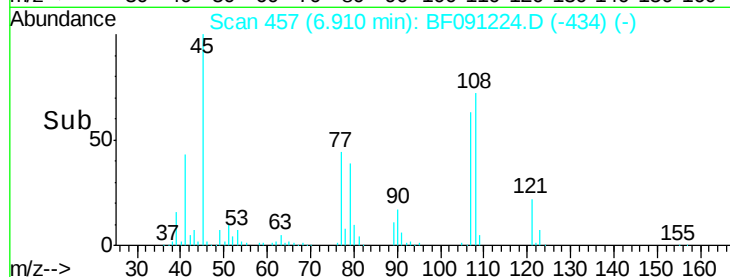


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.86 ng

RT: 7.13 min Scan# 476

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

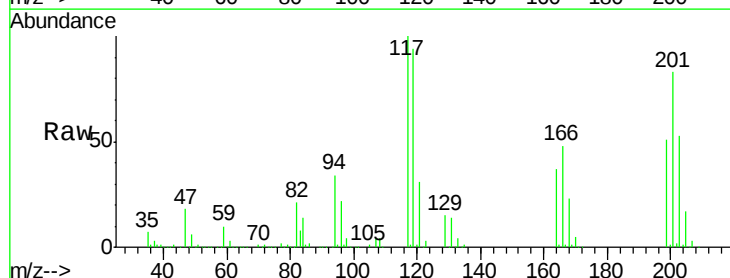
Tgt Ion:117 Resp: 236148

Ion Ratio Lower Upper

117 100

119 94.3 76.6 115.0

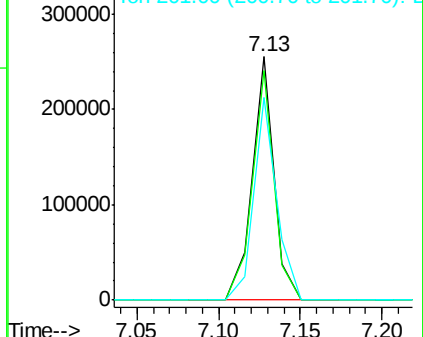
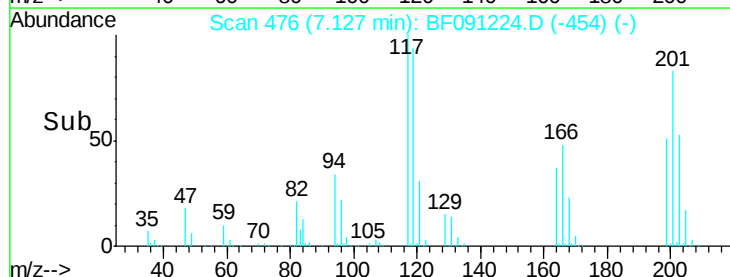
201 83.3 77.1 115.7

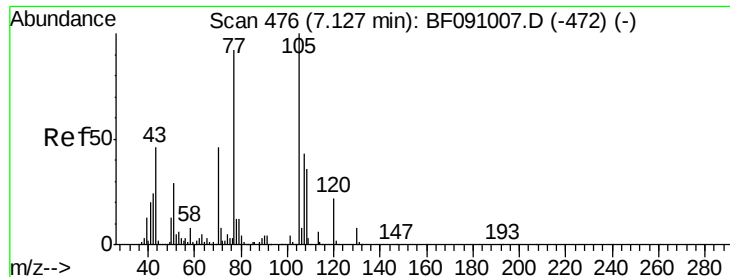


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

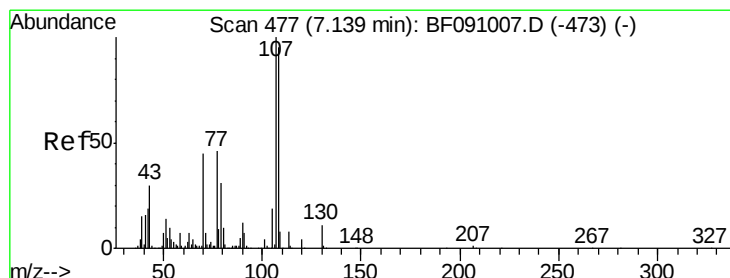
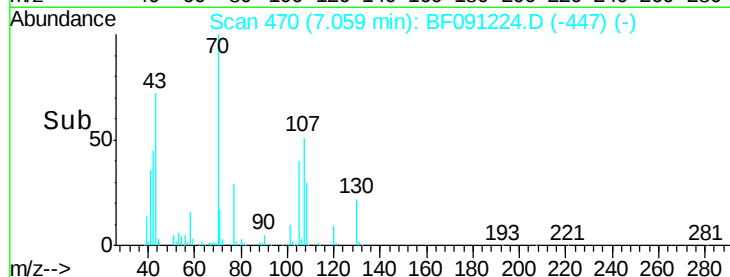
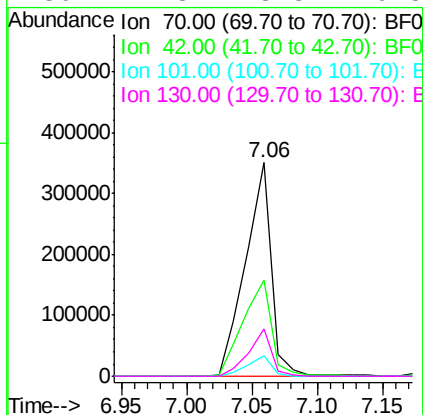
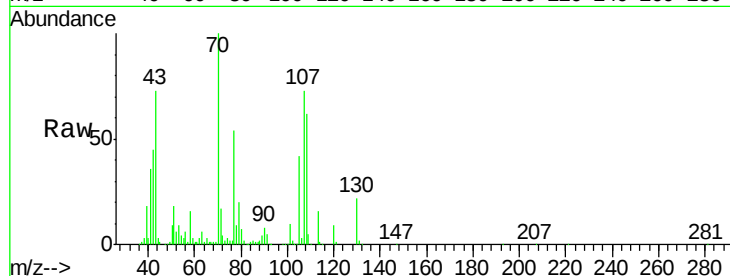




#19
n-Nitroso-di-n-propylamine
Concen: 44.71 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

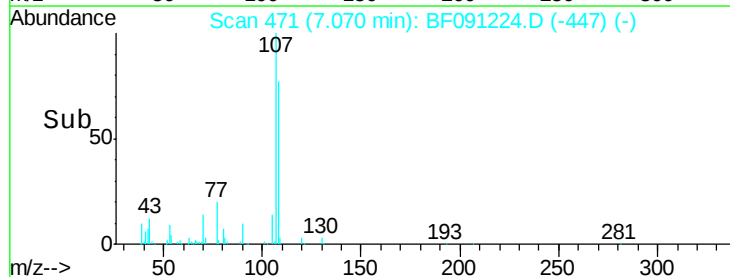
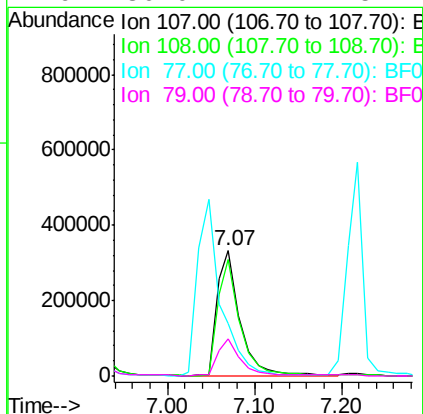
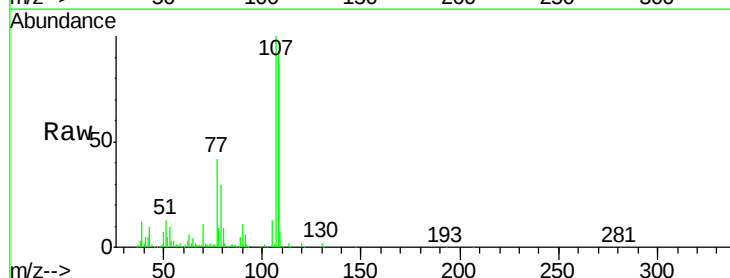
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

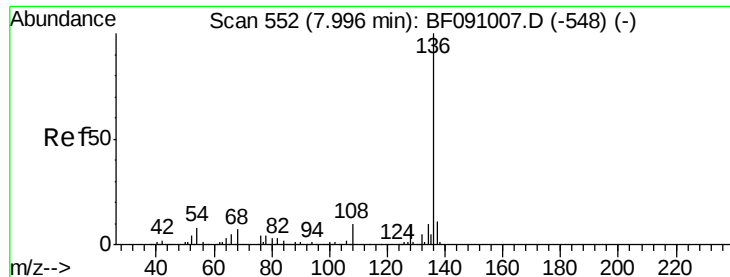
Tgt Ion: 70 Resp: 485137
Ion Ratio Lower Upper
70 100
42 45.2 41.7 62.5
101 9.8 6.7 10.1
130 22.3 13.8 20.8#



#20
3+4-Methylphenols
Concen: 46.83 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion: 107 Resp: 612536
Ion Ratio Lower Upper
107 100
108 93.1 75.5 115.5
77 41.6 26.4 66.4
79 30.0 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

Tgt Ion:136 Resp: 817765

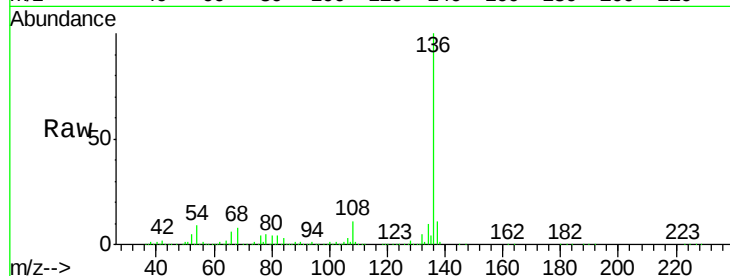
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.3 6.2 9.2#

68 8.0 5.5 8.3

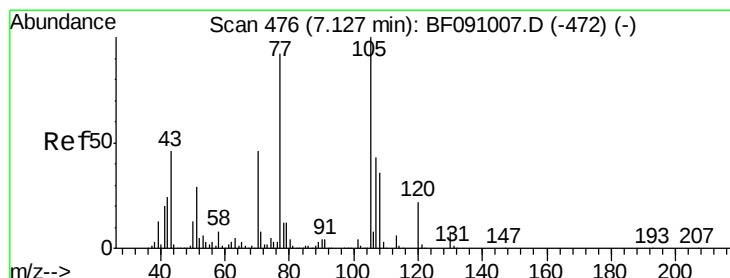
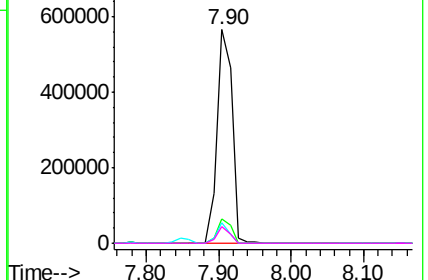
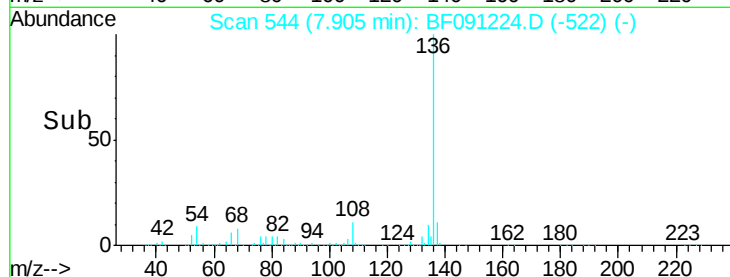


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.55 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Tgt Ion:105 Resp: 857585

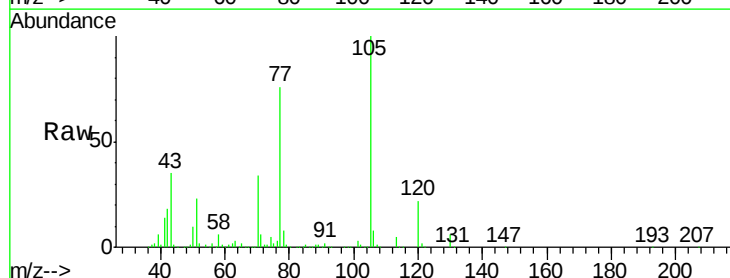
Ion Ratio Lower Upper

105 100

71 5.7 6.2 9.2#

51 23.1 23.3 34.9#

120 21.8 17.4 26.0

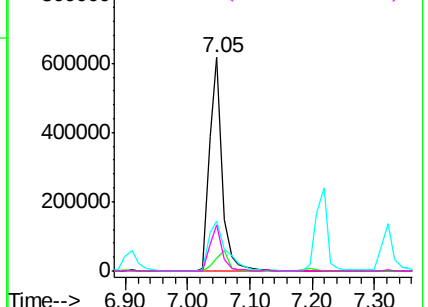
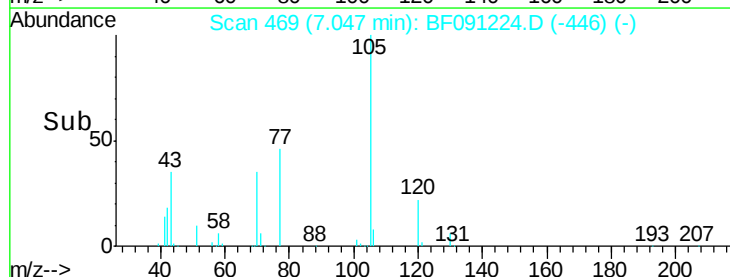


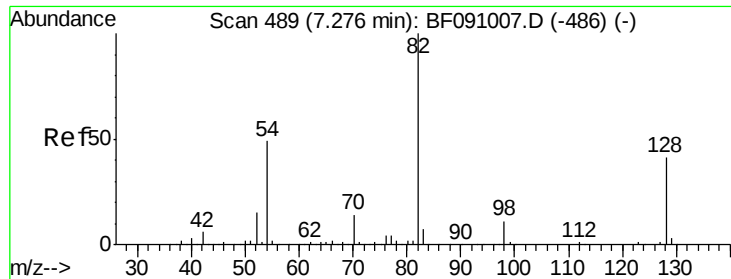
Abundance Ion 105.00 (104.70 to 105.70): E

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

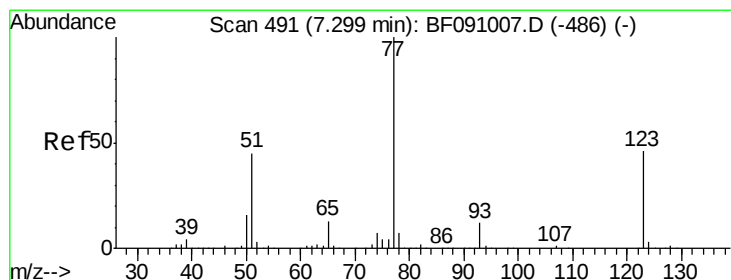
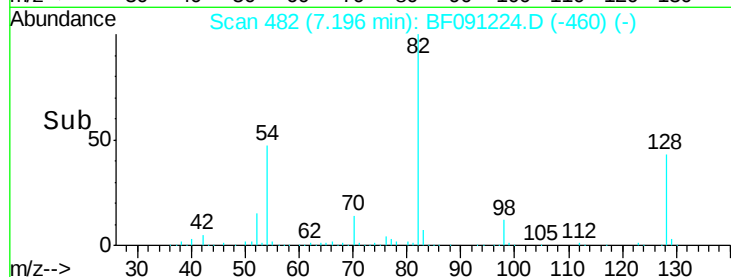
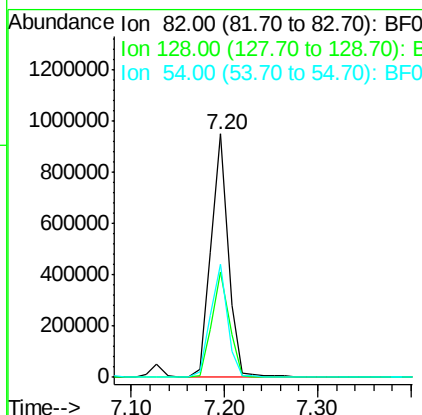
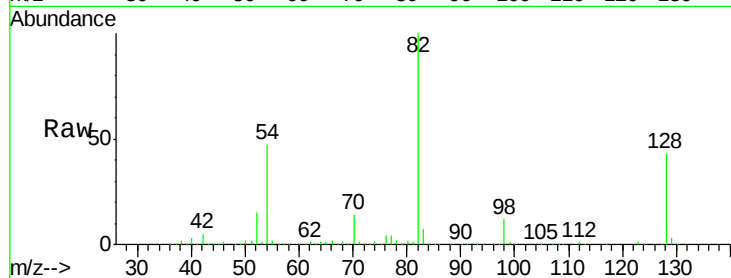




#23
 Nitrobenzene-d5
 Concen: 82.39 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

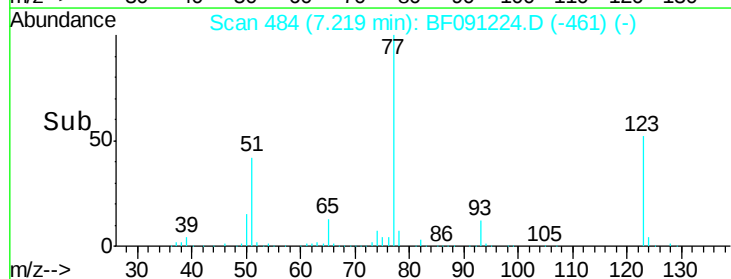
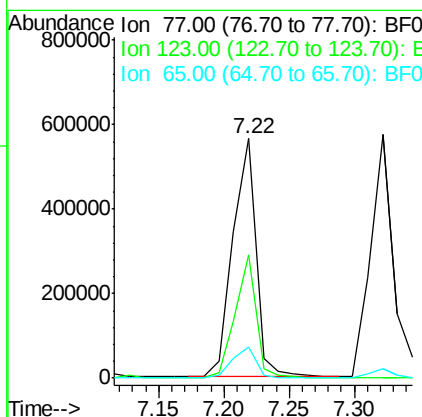
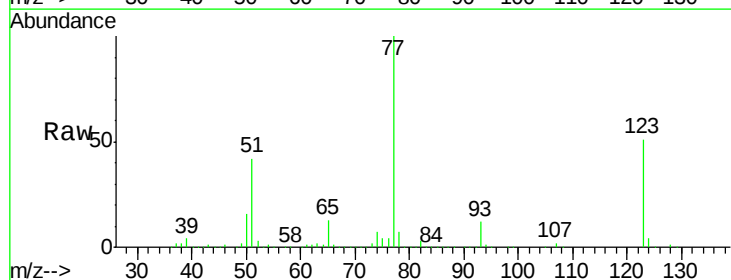
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

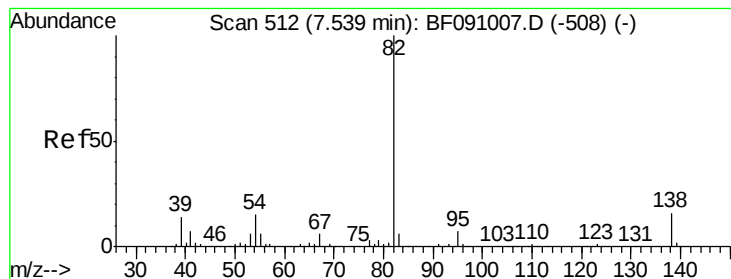
Tgt Ion: 82 Resp: 1235107
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.4 48.6
 54 46.6 39.2 58.8



#24
 Nitrobenzene
 Concen: 41.99 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion: 77 Resp: 695191
 Ion Ratio Lower Upper
 77 100
 123 51.3 36.5 54.7
 65 12.8 10.7 16.1





#25

Isophorone

Concen: 44.04 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

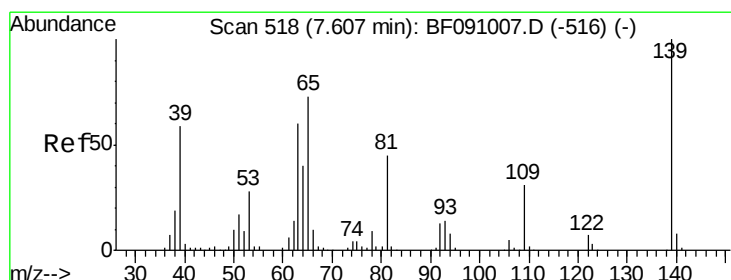
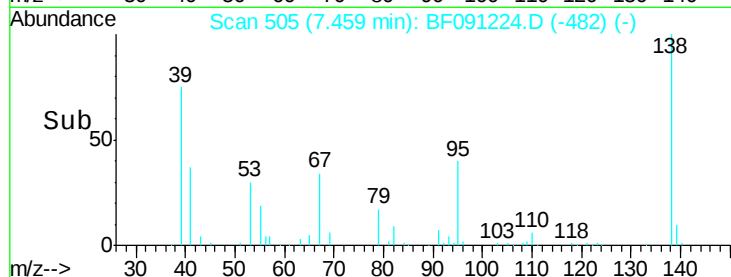
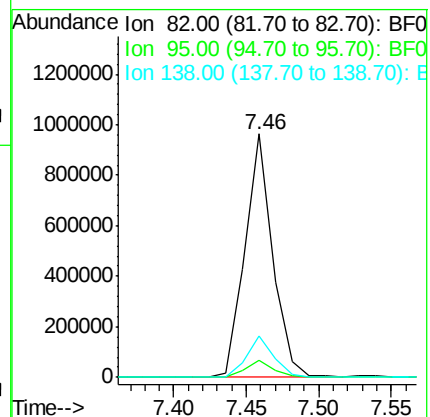
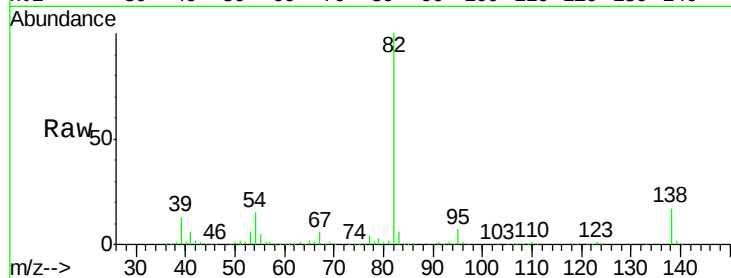
Tgt Ion: 82 Resp: 1272255

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

138 16.9 13.0 19.4



#26

2-Nitrophenol

Concen: 45.63 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

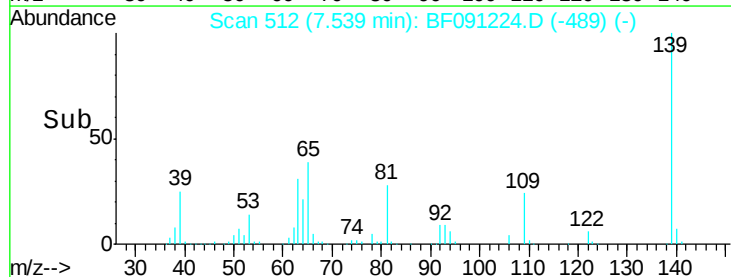
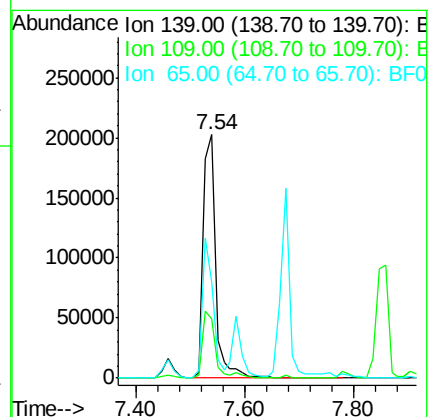
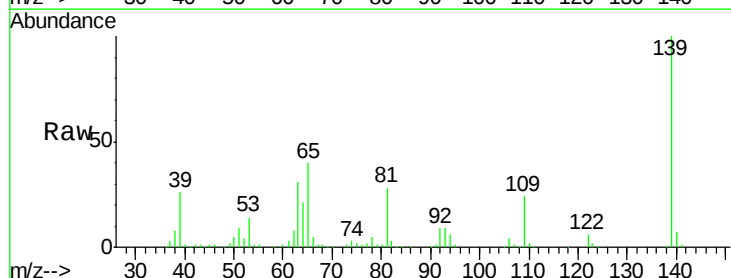
Tgt Ion: 139 Resp: 319696

Ion Ratio Lower Upper

139 100

109 24.3 24.7 37.1#

65 39.6 58.3 87.5#

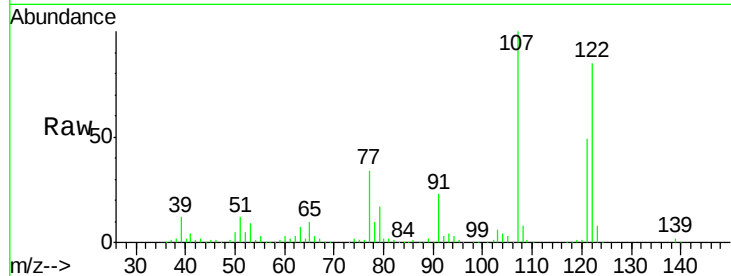




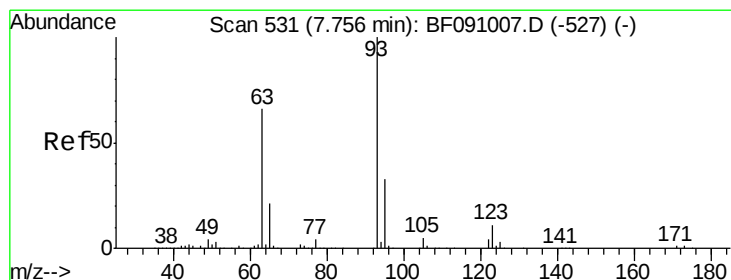
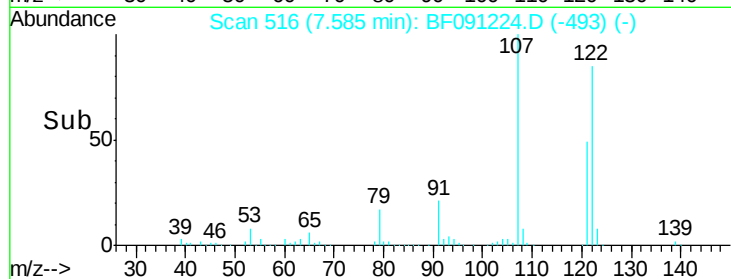
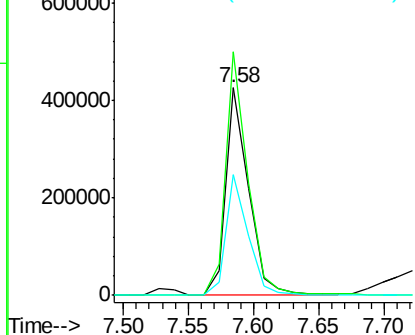
#27
 2,4-Dimethylphenol
 Concen: 43.94 ng
 RT: 7.58 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:122 Resp: 509167
 Ion Ratio Lower Upper
 122 100
 107 117.4 89.6 134.4
 121 57.9 46.3 69.5

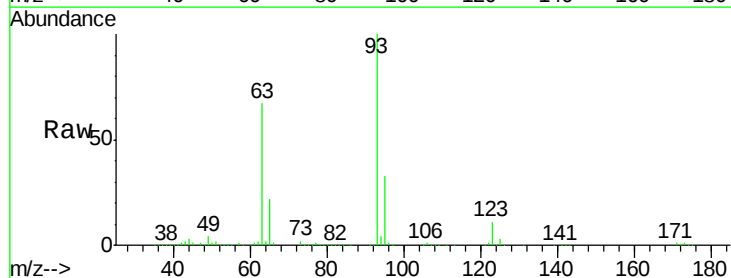


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

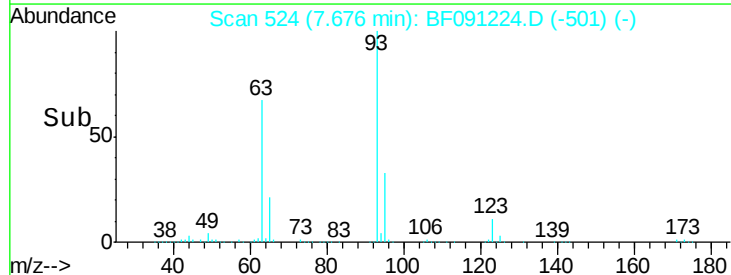
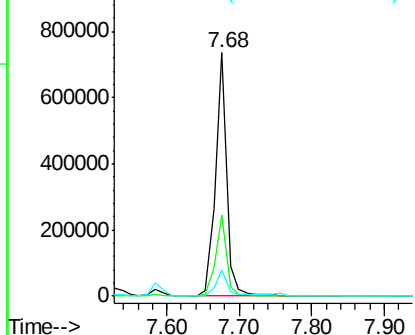


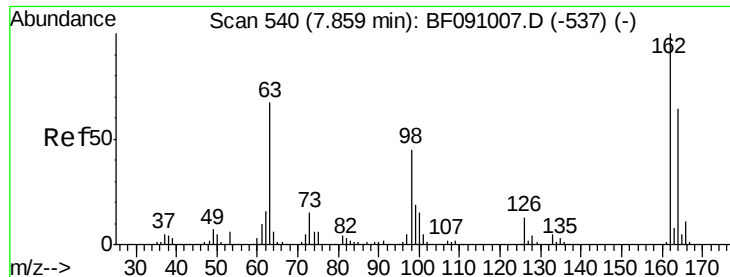
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.10 ng
 RT: 7.68 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion: 93 Resp: 790631
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 10.9 8.7 13.1



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

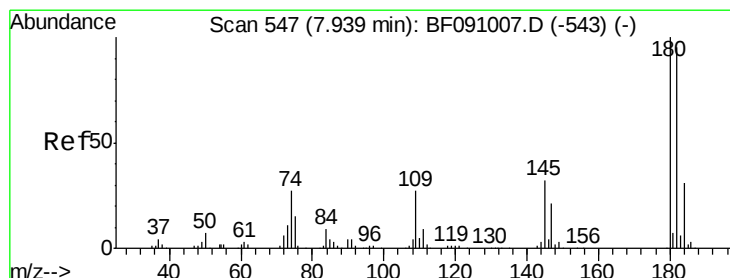
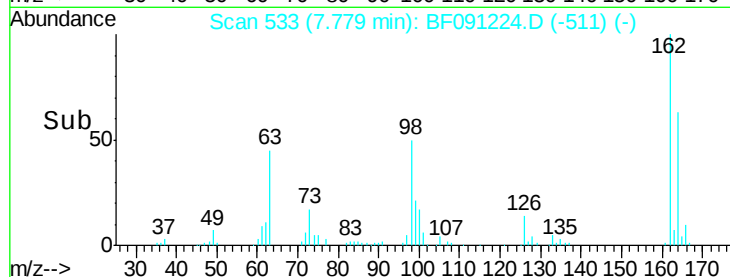
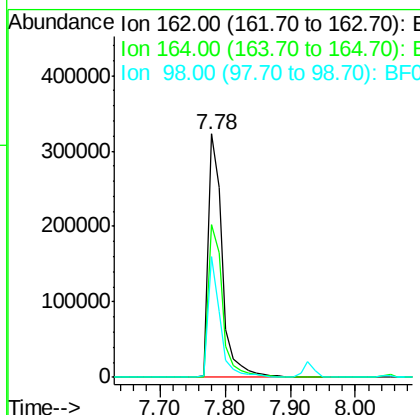
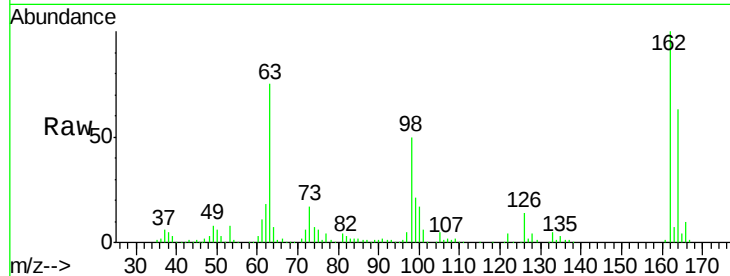




#29
 2,4-Dichlorophenol
 Concen: 48.07 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.05 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

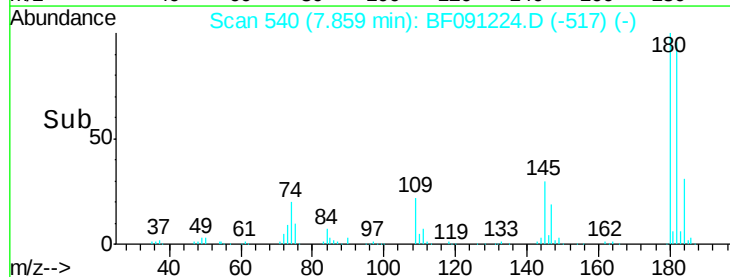
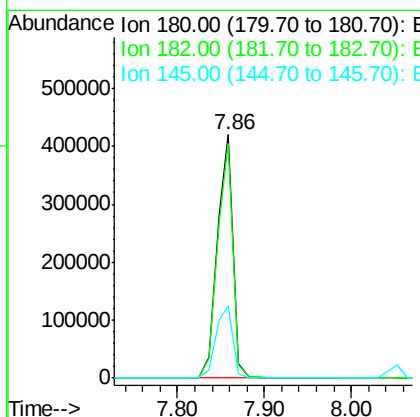
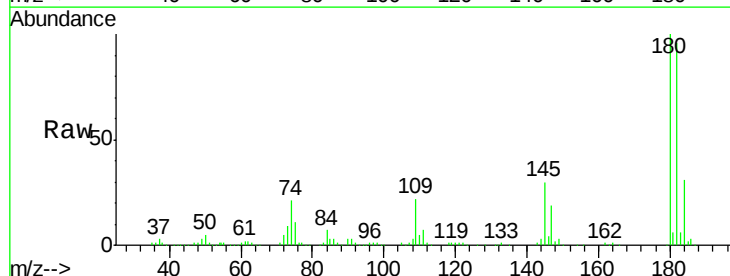
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:162 Resp: 486111
 Ion Ratio Lower Upper
 162 100
 164 62.6 44.4 84.4
 98 49.7 25.2 65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 46.61 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:180 Resp: 529922
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.0 114.0
 145 29.8 25.8 38.8





#31

Naphthalene

Concen: 45.04 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.05 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

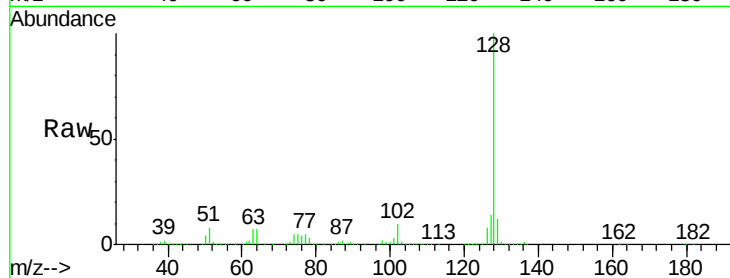
Tgt Ion:128 Resp: 1761529

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

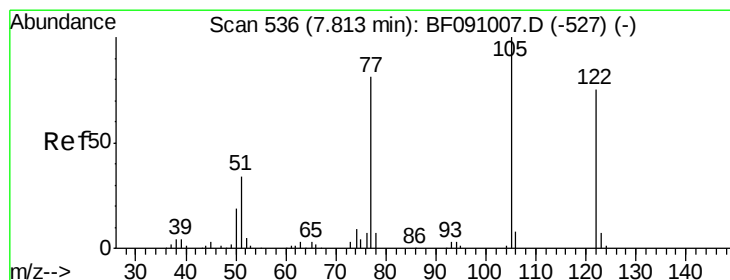
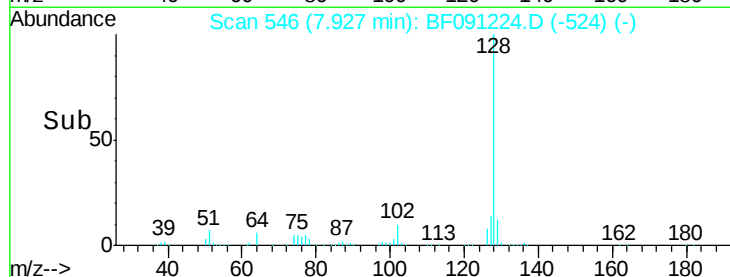
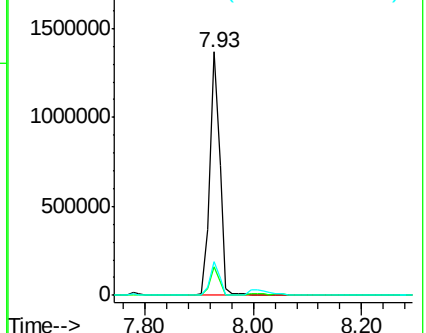
127 13.8 10.9 16.3



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: 31.64 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

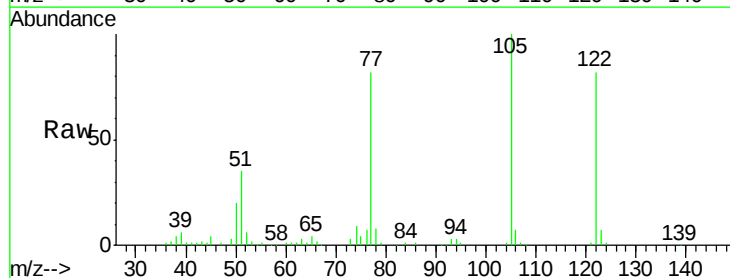
Tgt Ion:122 Resp: 268523

Ion Ratio Lower Upper

122 100

105 121.9 105.9 145.9

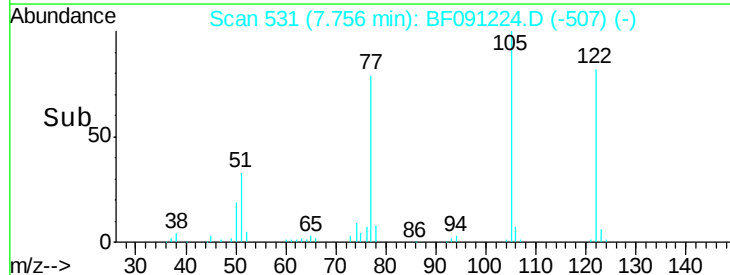
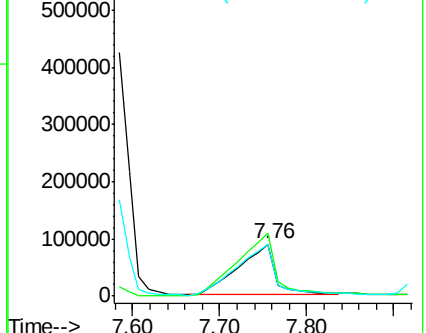
77 100.1 84.0 124.0

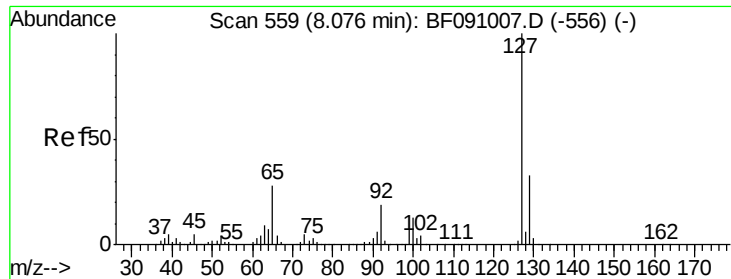


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

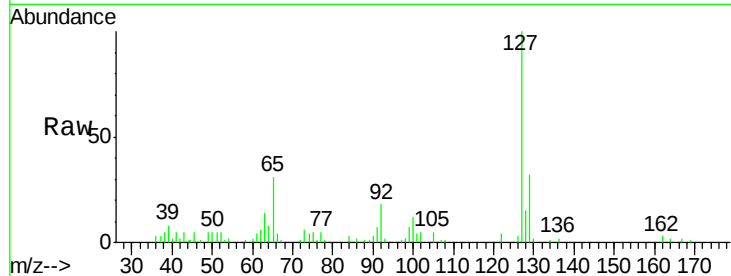




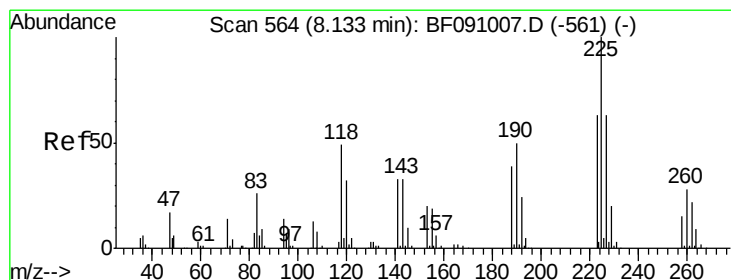
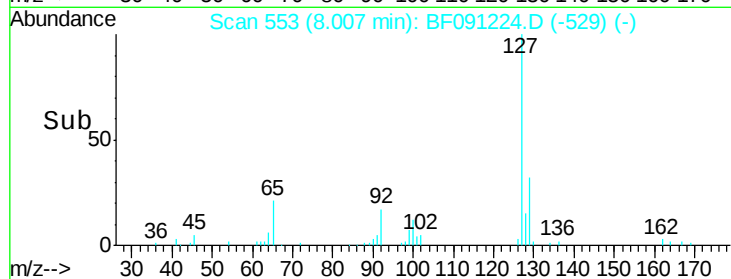
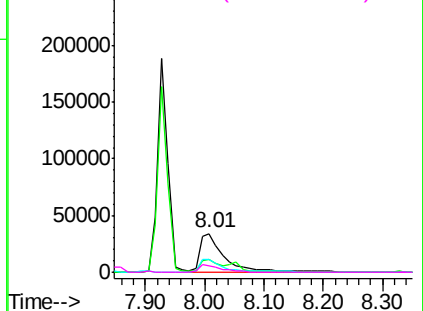
#33
4-Chloroaniline
Concen: 5.83 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tgt Ion:	127	Resp:	94766
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	39.8
65	31.3	22.2	33.2
92	18.0	15.0	22.4

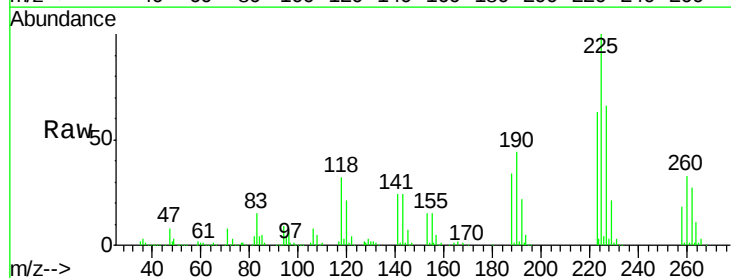


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

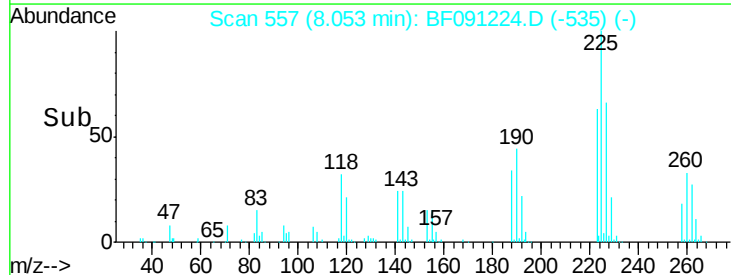
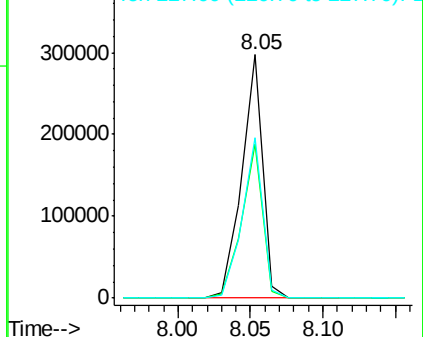


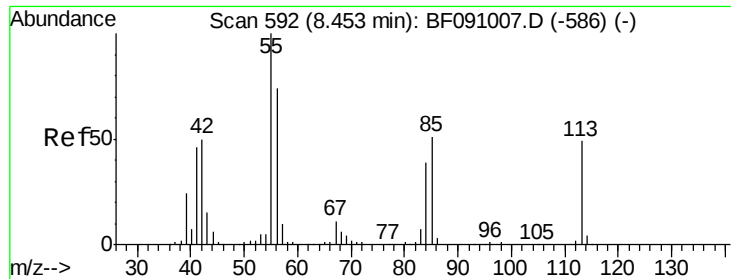
#34
Hexachlorobutadiene
Concen: 48.34 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion:	225	Resp:	296679
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	65.8	50.1	75.1



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

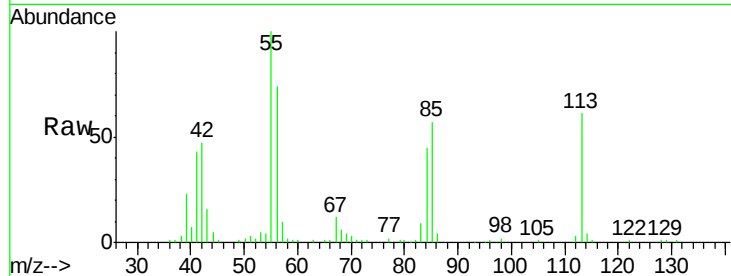




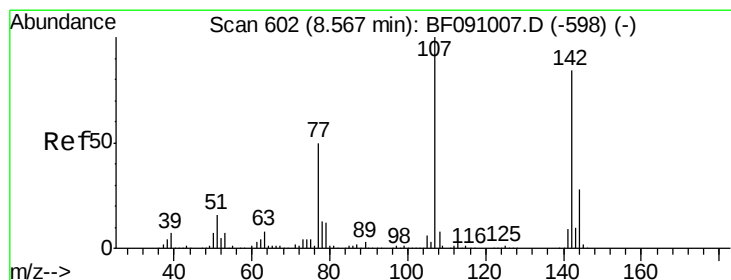
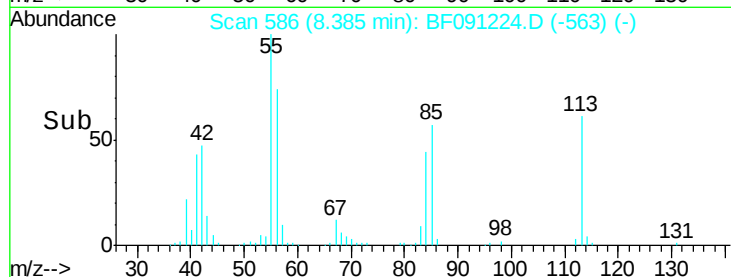
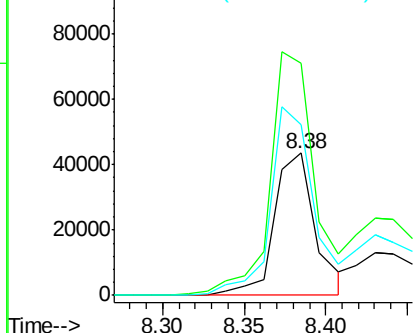
#35
 Caprolactam
 Concen: 24.06 ng
 RT: 8.38 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:113 Resp: 76434
 Ion Ratio Lower Upper
 113 100
 55 163.3 184.1 224.1#
 56 120.7 132.0 172.0#

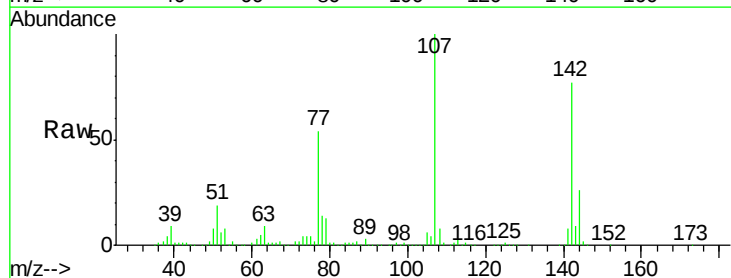


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

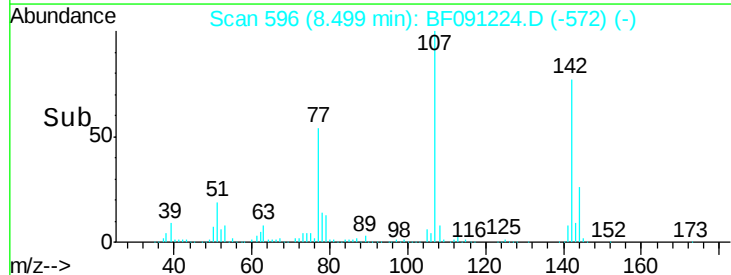
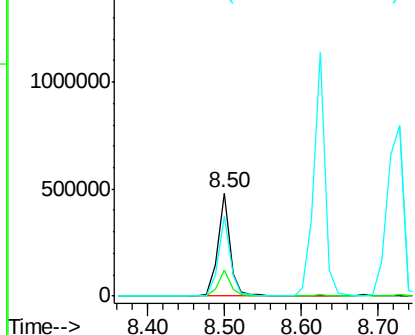


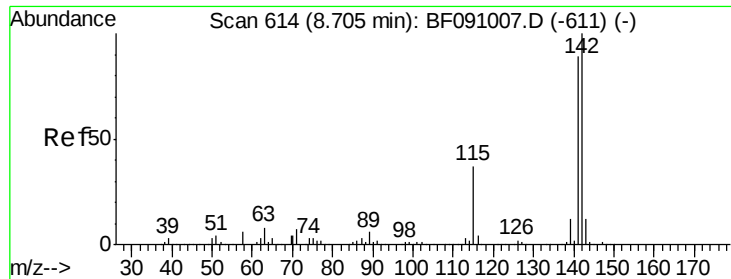
#36
 4-Chloro-3-methylphenol
 Concen: 44.32 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:107 Resp: 542572
 Ion Ratio Lower Upper
 107 100
 144 25.5 22.5 33.7
 142 77.4 67.4 101.2



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

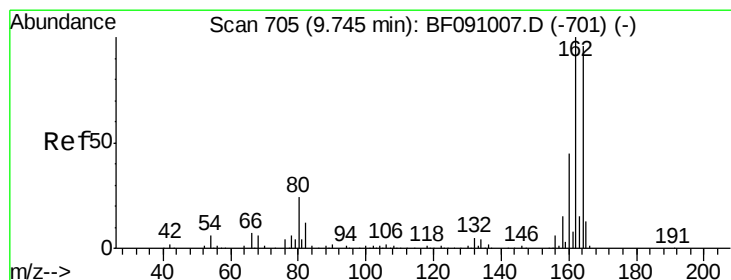
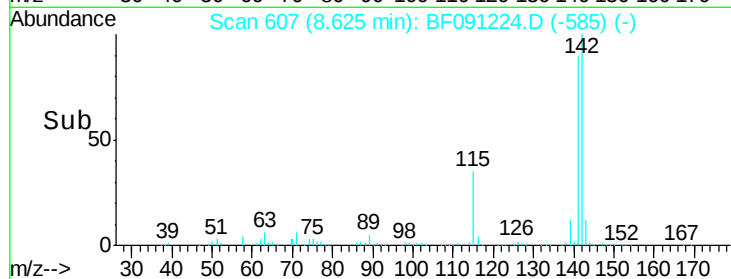
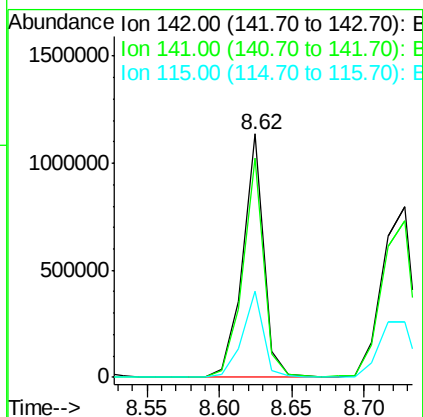
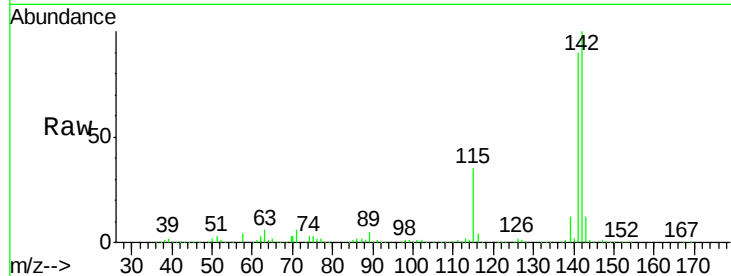




#37
 2-Methylnaphthalene
 Concen: 45.84 ng
 RT: 8.62 min Scan# 607
 Delta R.T. -0.05 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

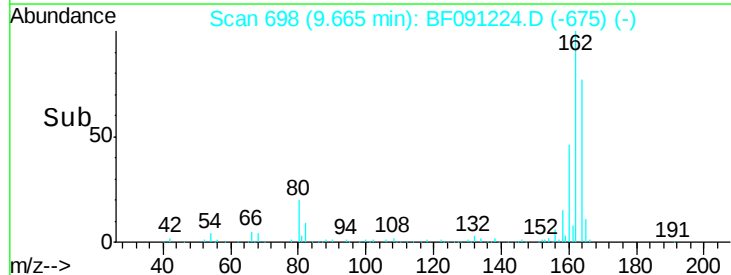
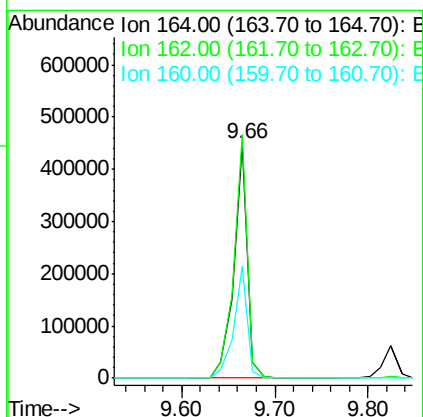
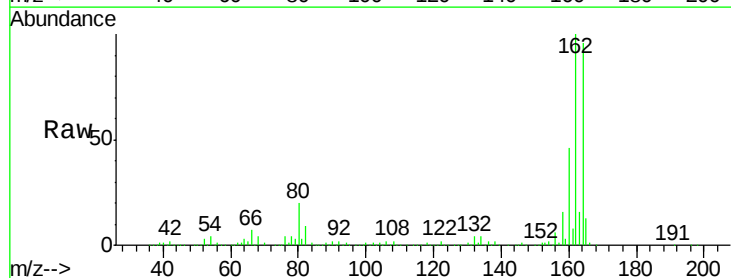
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

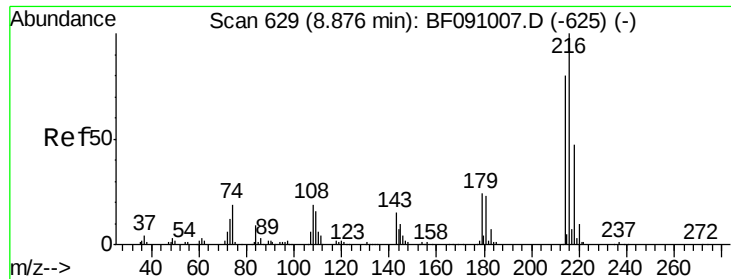
Tgt Ion:142 Resp: 1152478
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.3 106.9
 115 35.4 29.9 44.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 698
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:164 Resp: 455461
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.6 125.4
 160 47.7 37.9 56.9

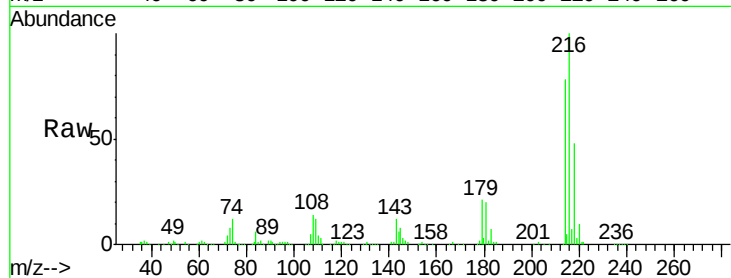




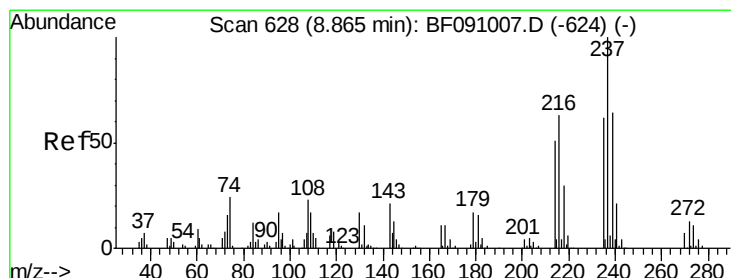
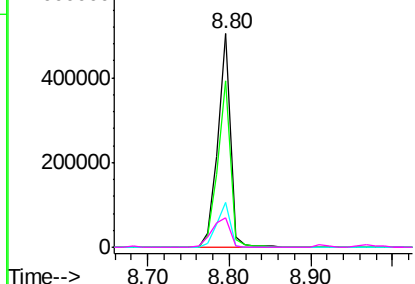
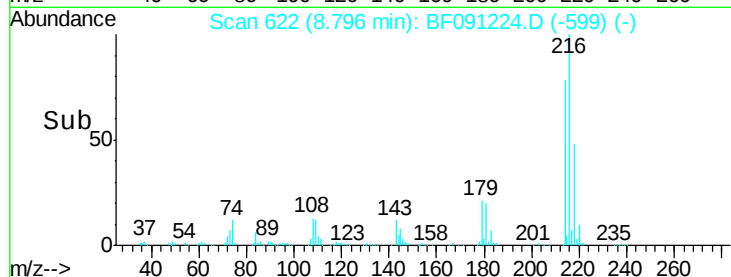
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.92 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:	216	Resp:	544883
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.5	95.3
179	22.3	19.1	28.7
108	20.6	17.5	26.3

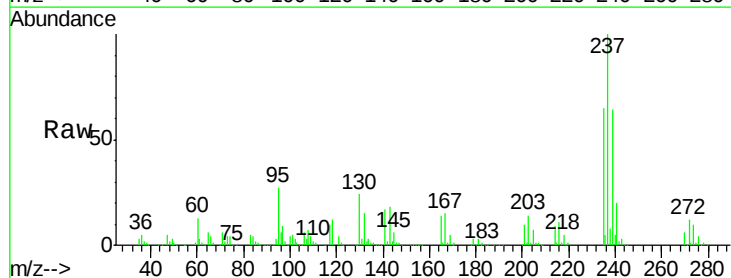


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

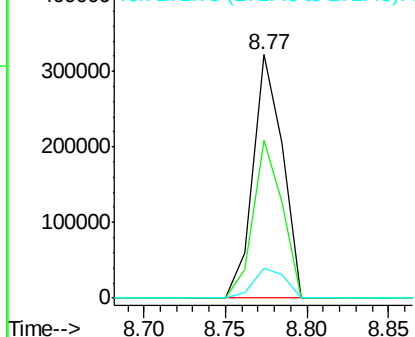
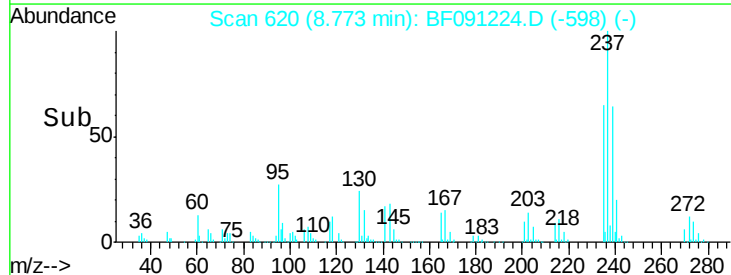


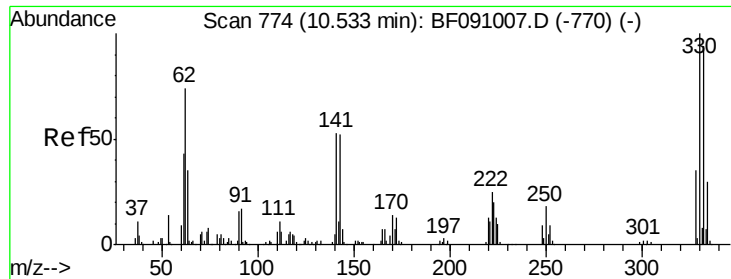
#40
 Hexachlorocyclopentadiene
 Concen: 89.05 ng
 RT: 8.77 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:	237	Resp:	404902
Ion	Ratio	Lower	Upper
237	100		
235	64.6	42.1	82.1
272	12.3	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

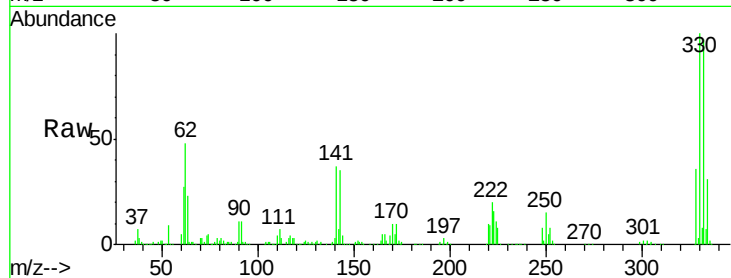




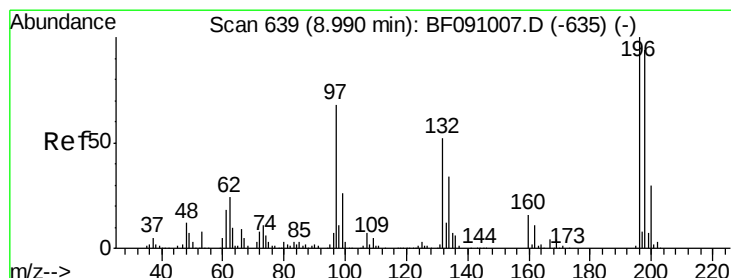
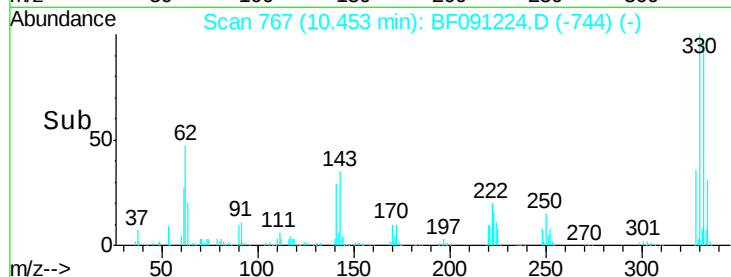
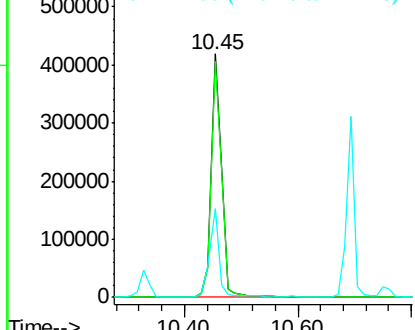
#41
 2,4,6-Tribromophenol
 Concen: 124.20 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:330 Resp: 511432
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.9 113.9
 141 32.7 36.1 54.1#

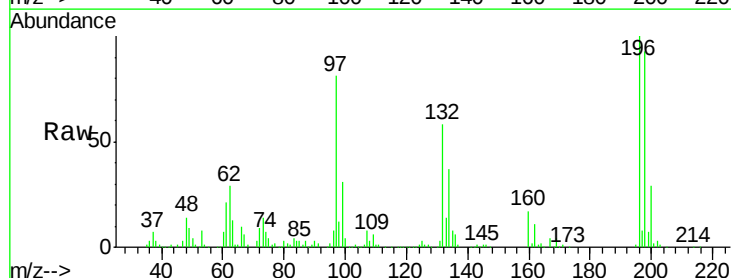


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

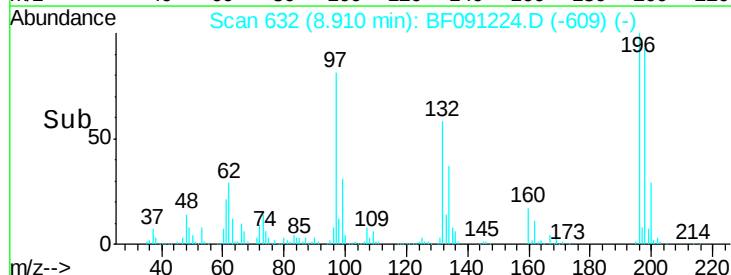
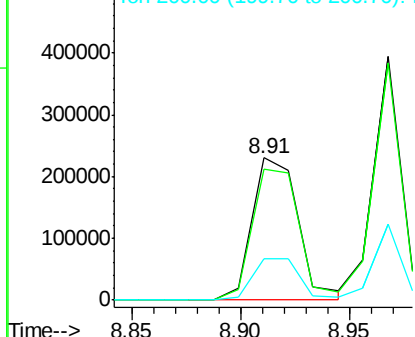


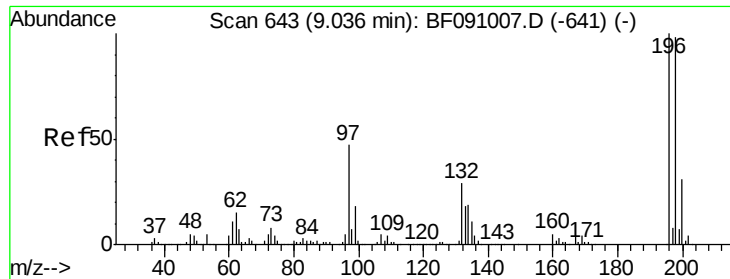
#42
 2,4,6-Trichlorophenol
 Concen: 45.44 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:196 Resp: 340654
 Ion Ratio Lower Upper
 196 100
 198 92.5 75.4 113.0
 200 29.2 24.1 36.1



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

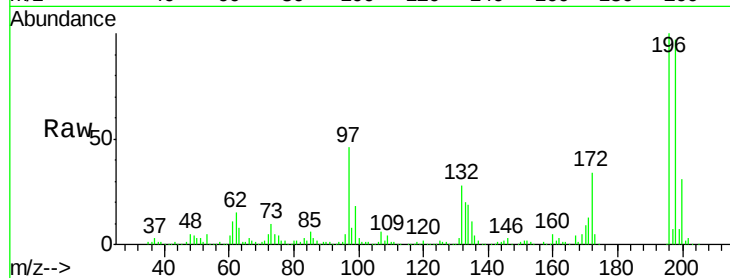




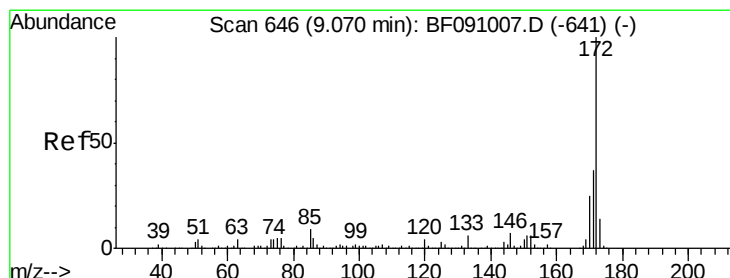
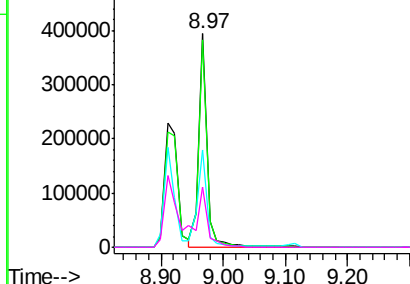
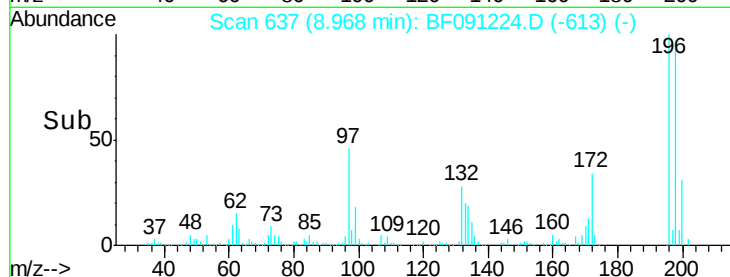
#43
 2,4,5-Trichlorophenol
 Concen: 47.69 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:196 Resp: 375392
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.2 117.4
 97 45.9 38.8 58.2
 132 28.2 23.5 35.3

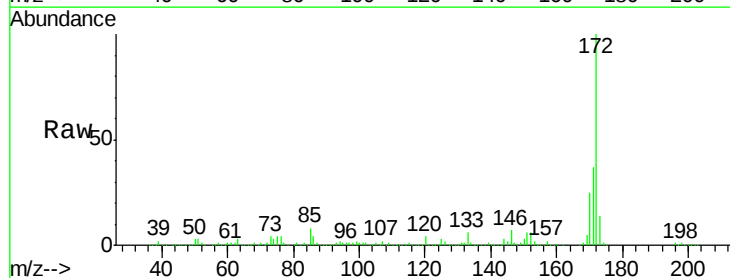


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

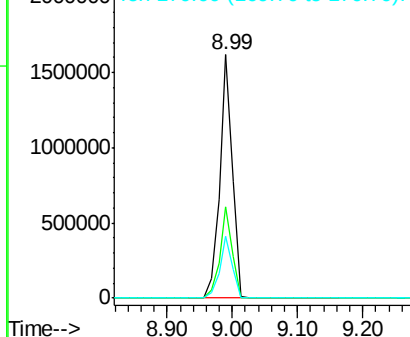
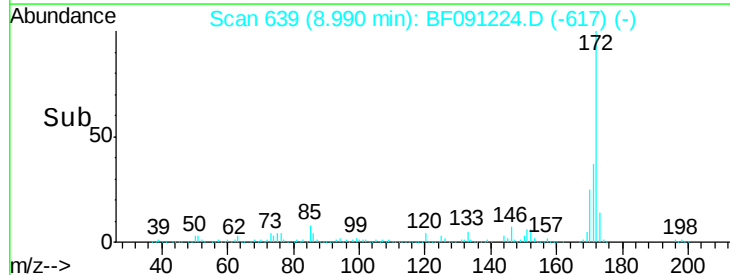


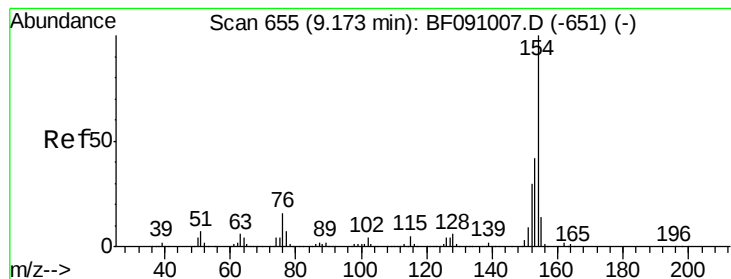
#44
 2-Fluorobiphenyl
 Concen: 83.81 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:172 Resp: 2217184
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 25.4 20.3 30.5



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





#45

1,1'-Biphenyl

Concen: 43.64 ng

RT: 9.09 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

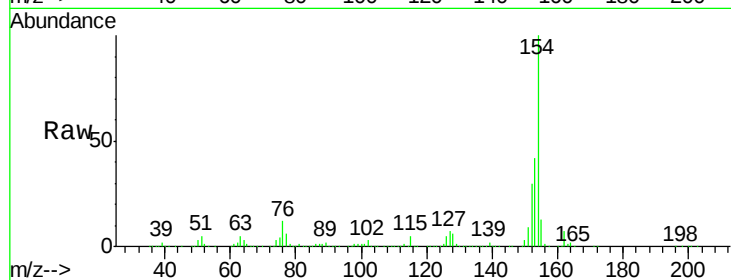
Tgt Ion:154 Resp: 1451321

Ion Ratio Lower Upper

154 100

153 41.5 21.6 61.6

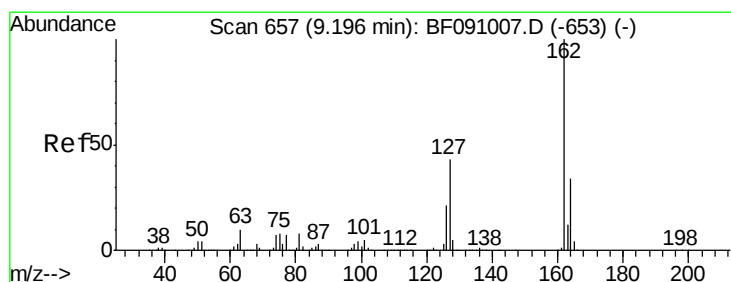
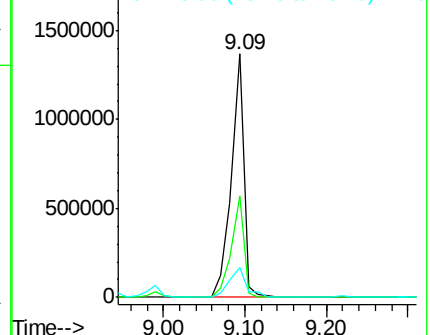
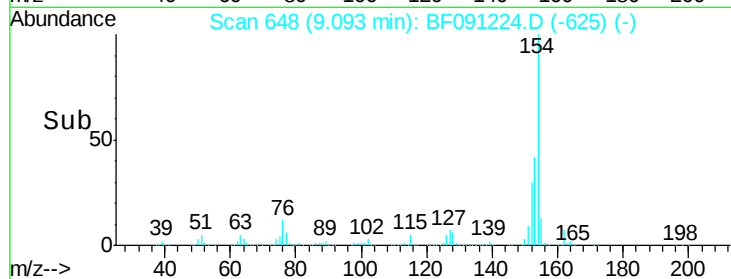
76 12.5 0.0 36.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.18 ng

RT: 9.12 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

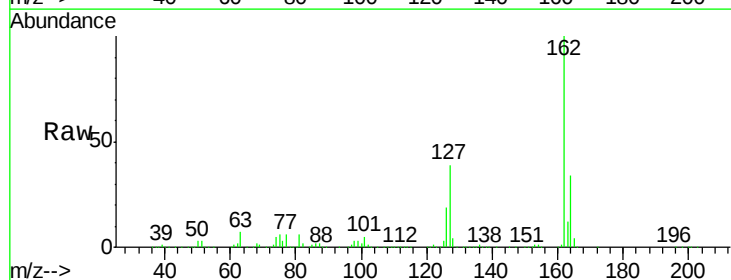
Tgt Ion:162 Resp: 1166124

Ion Ratio Lower Upper

162 100

127 39.5 34.7 52.1

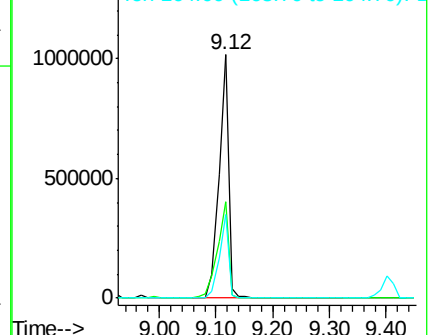
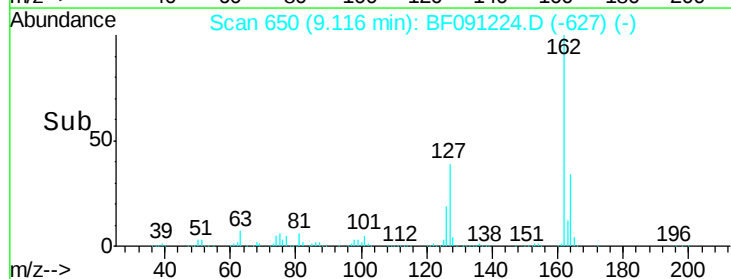
164 34.1 27.0 40.4

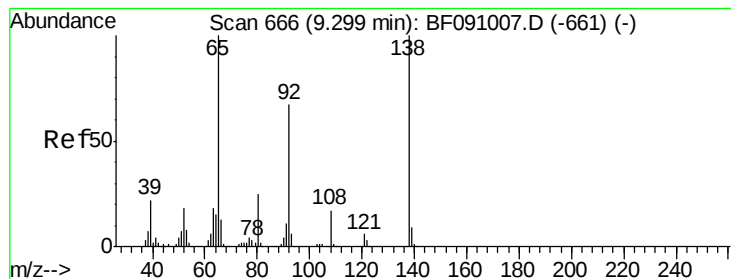


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.18 ng

RT: 9.22 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

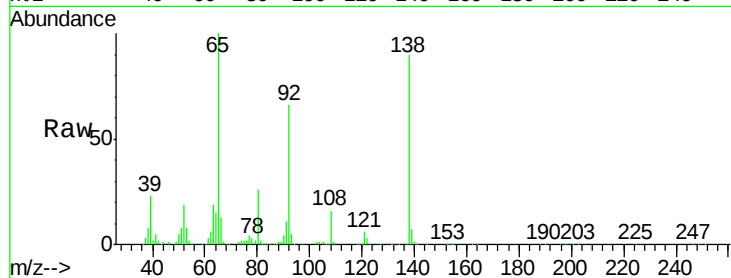
Tgt Ion: 65 Resp: 348378

Ion Ratio Lower Upper

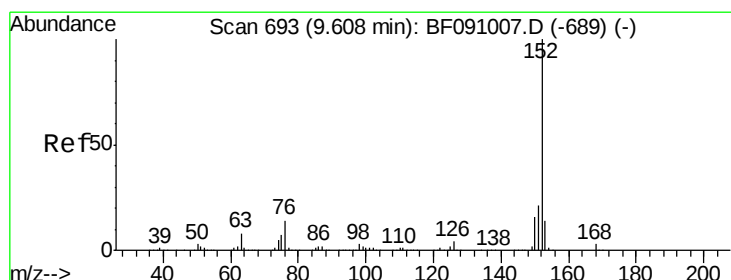
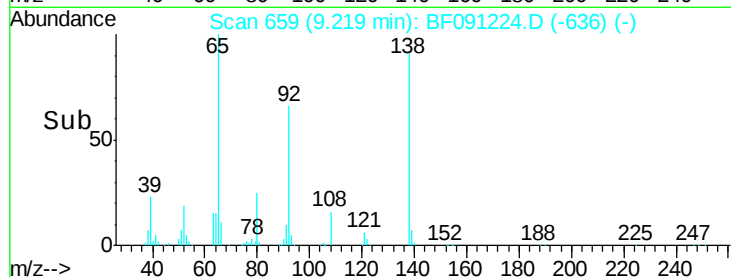
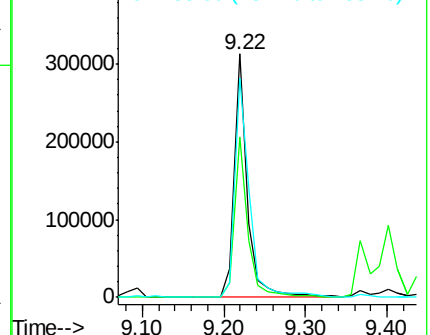
65 100

92 65.8 53.9 80.9

138 90.2 80.1 120.1



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): BF0



#48

Acenaphthylene

Concen: 42.39 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

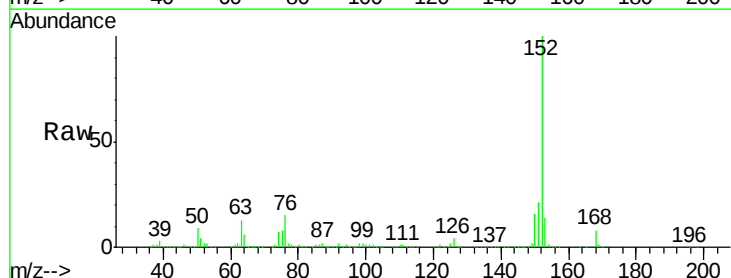
Tgt Ion: 152 Resp: 1668164

Ion Ratio Lower Upper

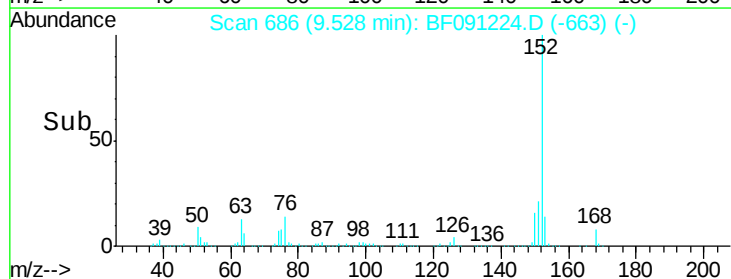
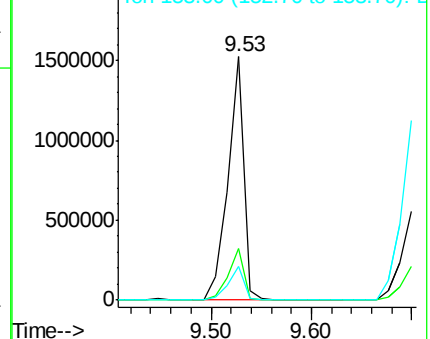
152 100

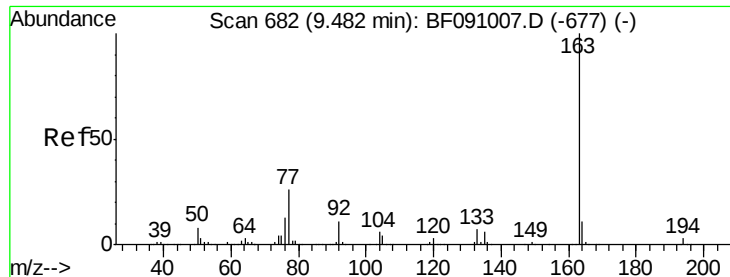
151 21.3 16.7 25.1

153 13.9 11.1 16.7



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: 43.81 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

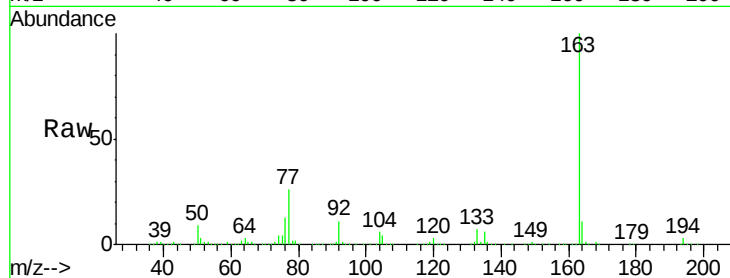
Tgt Ion:163 Resp: 1308560

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

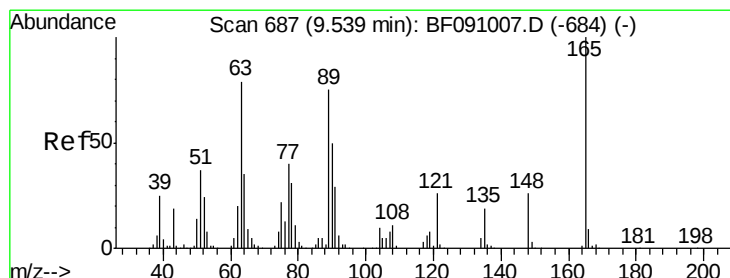
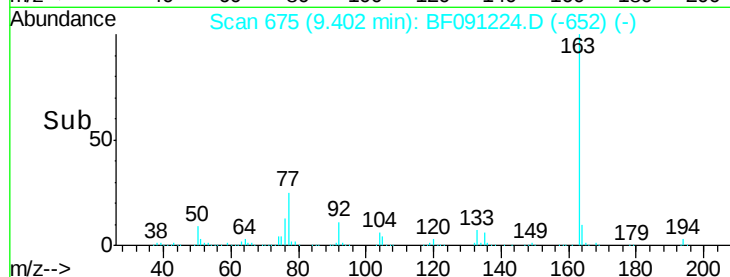
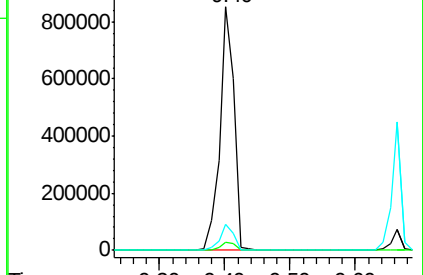
164 10.6 8.7 13.1



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: 49.53 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

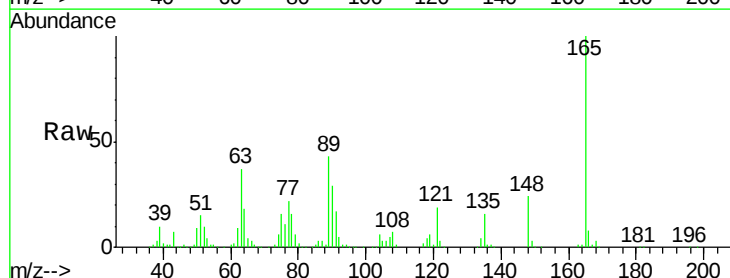
Tgt Ion:165 Resp: 316996

Ion Ratio Lower Upper

165 100

63 37.4 65.6 98.4#

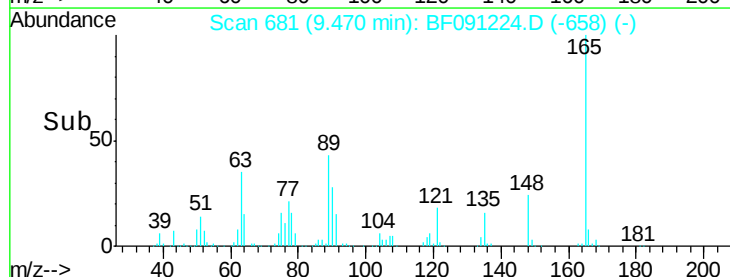
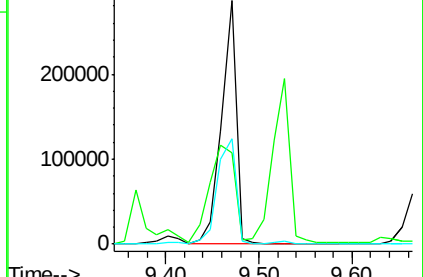
89 43.4 59.8 89.6#

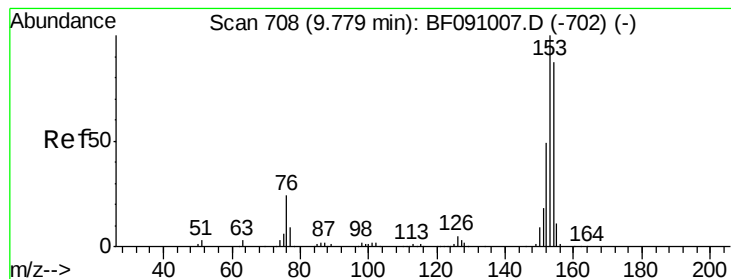


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.57 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

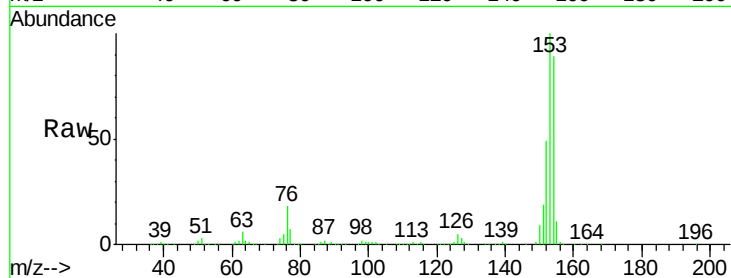
Tgt Ion:154 Resp: 1076485

Ion Ratio Lower Upper

154 100

153 112.6 91.6 137.4

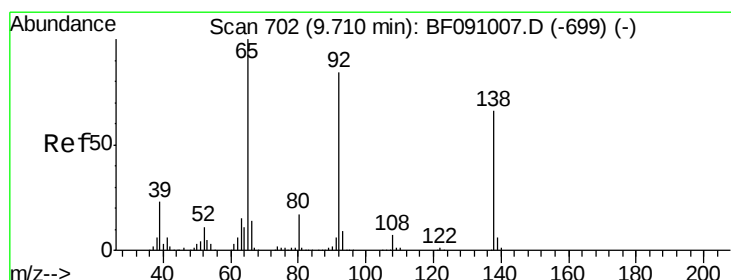
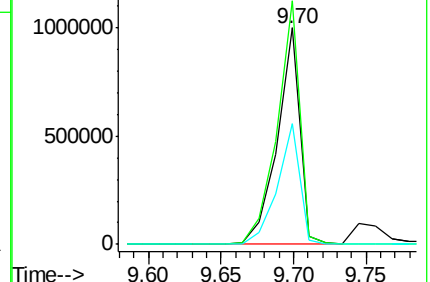
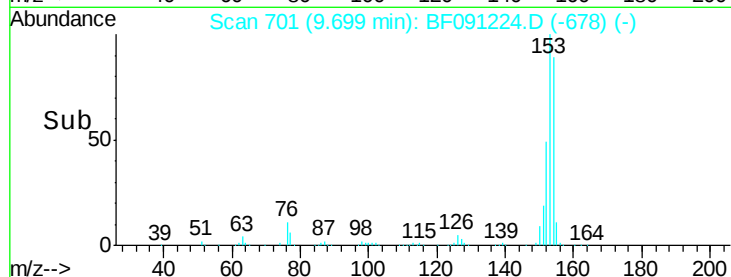
152 55.7 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 9.35 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

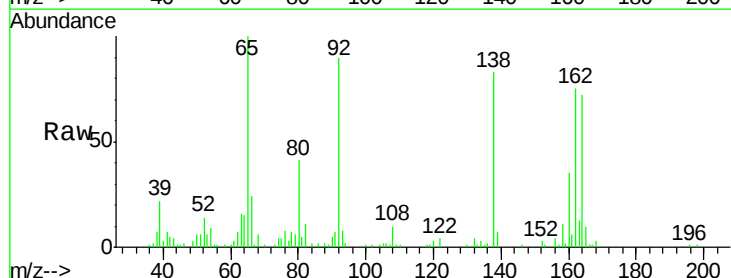
Tgt Ion:138 Resp: 70972

Ion Ratio Lower Upper

138 100

108 12.0 8.4 12.6

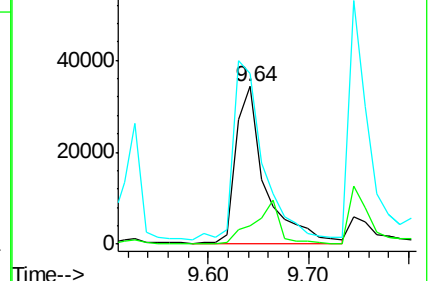
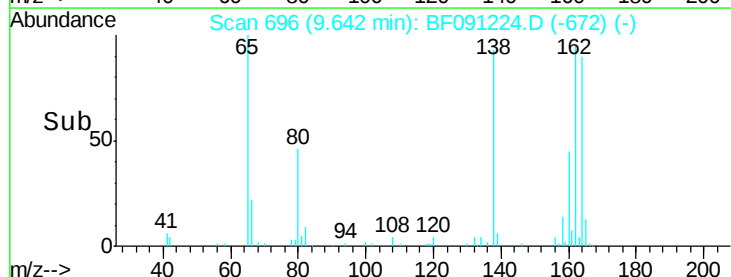
92 108.0 101.1 151.7

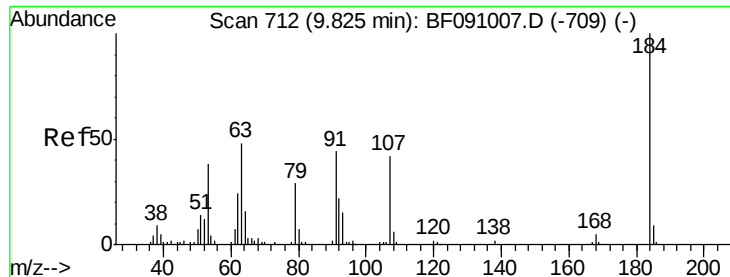


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

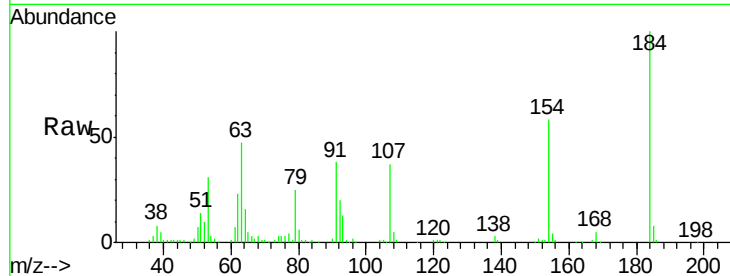




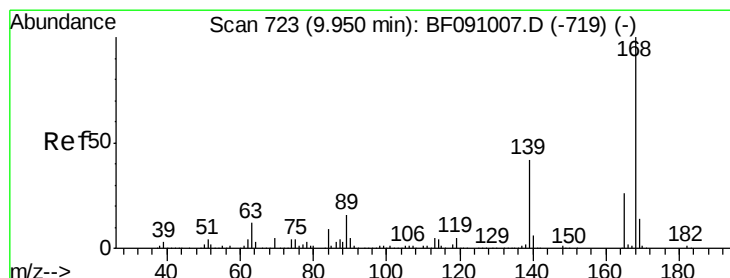
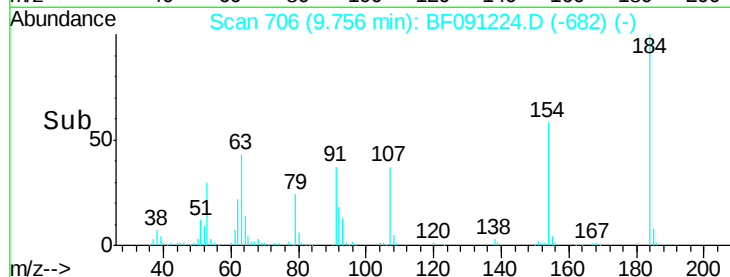
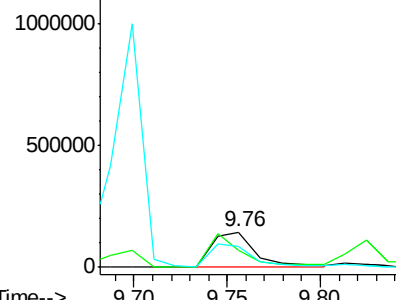
#53
2,4-Dinitrophenol
Concen: 70.21 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tgt Ion:184 Resp: 241885
Ion Ratio Lower Upper
184 100
63 46.7 45.5 68.3
154 57.8 51.0 76.4

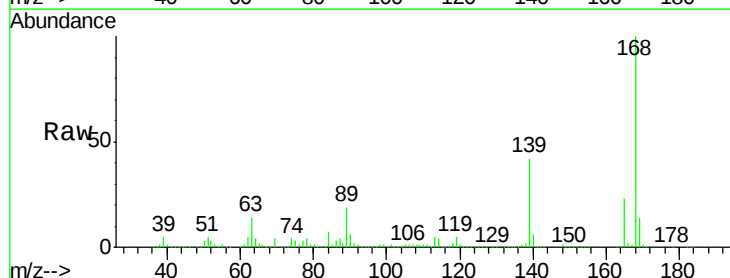


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

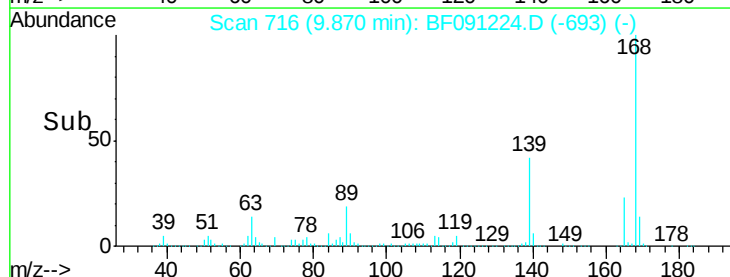
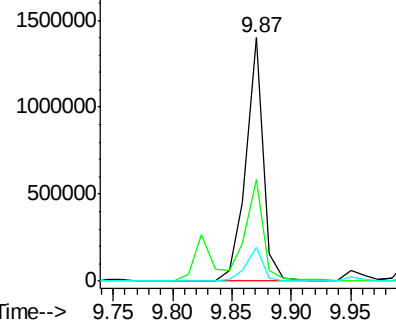


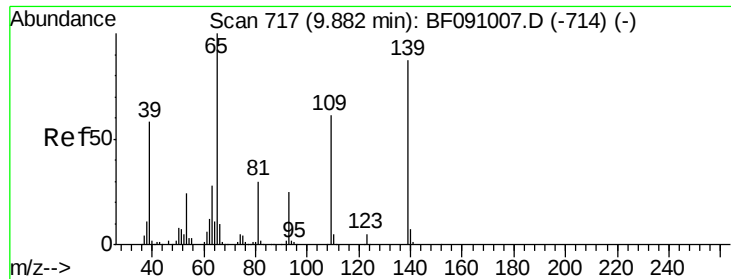
#54
Dibenzofuran
Concen: 43.19 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion:168 Resp: 1436414
Ion Ratio Lower Upper
168 100
139 41.6 34.8 52.2
169 14.1 11.4 17.2



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

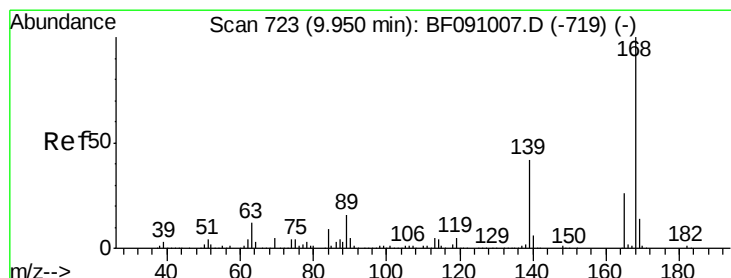
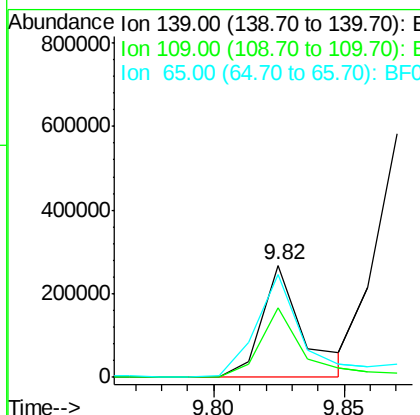
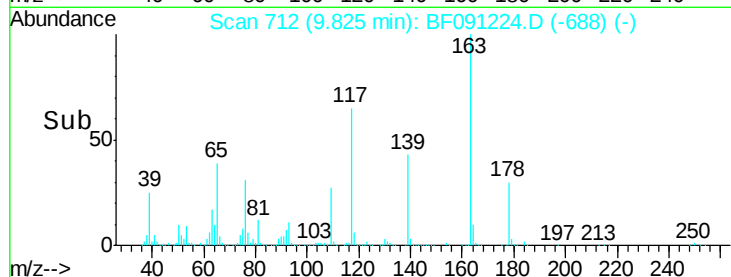
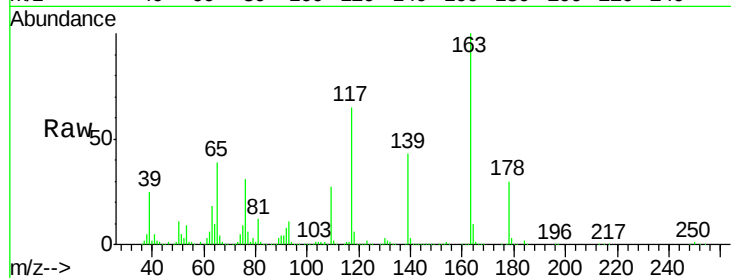




#55
4-Nitrophenol
Concen: 60.05 ng
RT: 9.82 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

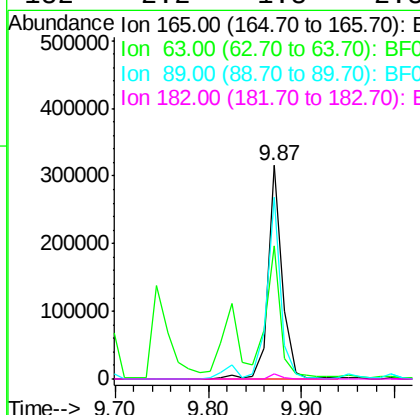
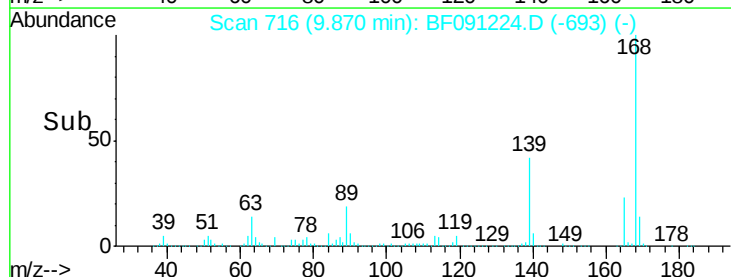
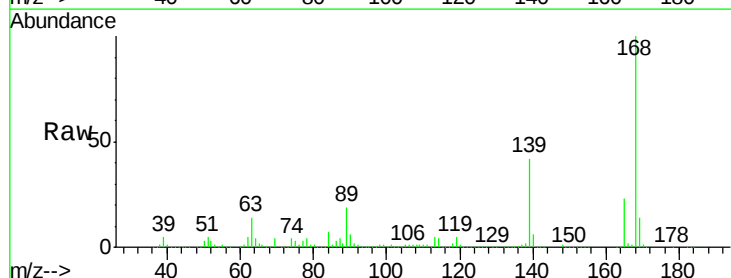
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

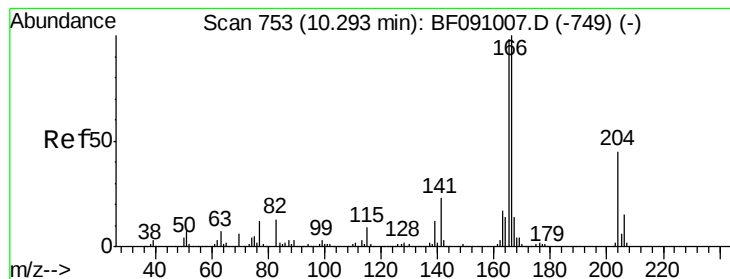
Tgt Ion:139 Resp: 295750
Ion Ratio Lower Upper
139 100
109 62.2 50.5 90.5
65 91.5 97.1 137.1#



#56
2,4-Dinitrotoluene
Concen: 41.37 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion:165 Resp: 336870
Ion Ratio Lower Upper
165 100
63 62.6 38.7 58.1#
89 84.8 50.6 76.0#
182 2.2 1.8 2.8





#57

Fluorene

Concen: 44.24 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

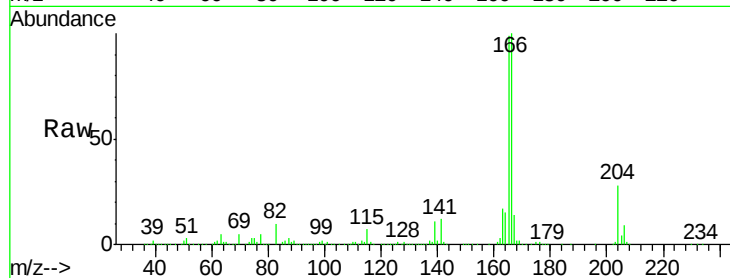
Tgt Ion:166 Resp: 1202607

Ion Ratio Lower Upper

166 100

165 99.4 78.6 118.0

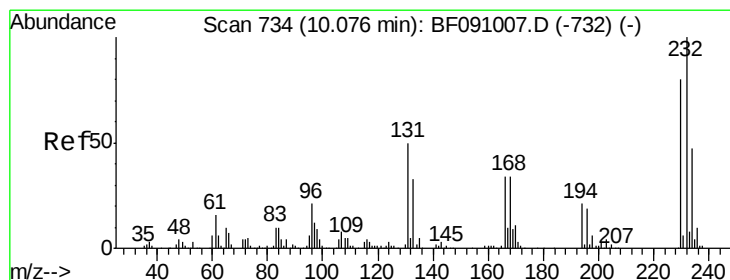
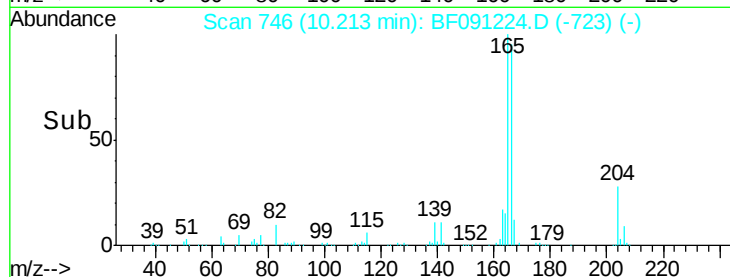
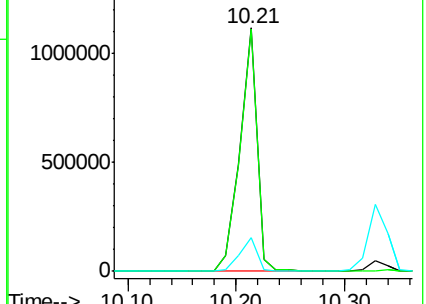
167 13.7 11.1 16.7



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: 49.72 ng

RT: 10.00 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Tgt Ion:232 Resp: 306586

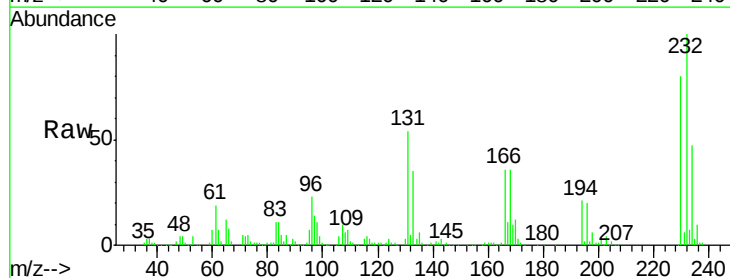
Ion Ratio Lower Upper

232 100

131 51.6 43.6 65.4

130 2.5 2.0 3.0

166 32.4 27.4 41.2

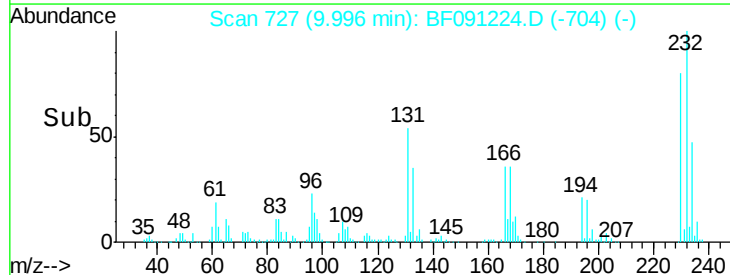
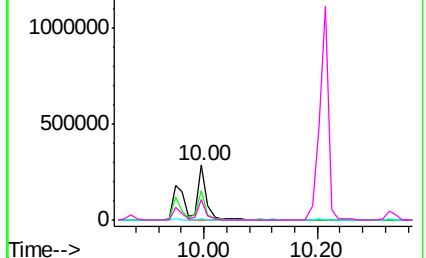


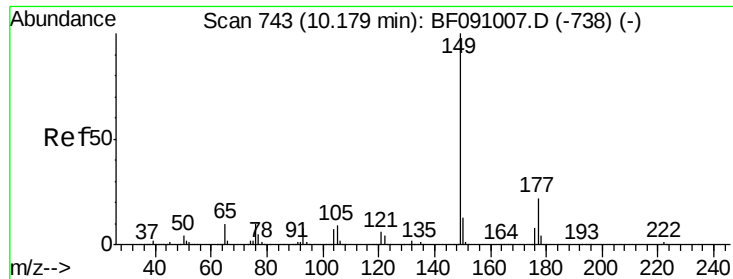
Abundance Ion 232.00 (231.70 to 232.70): E

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

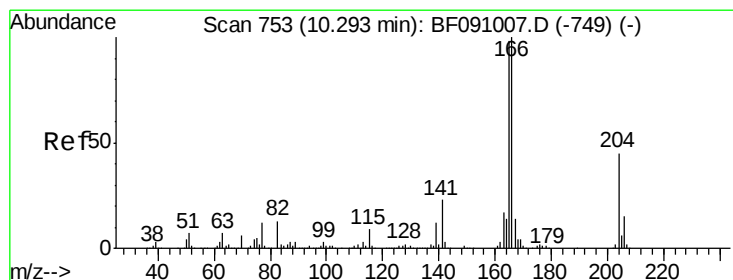
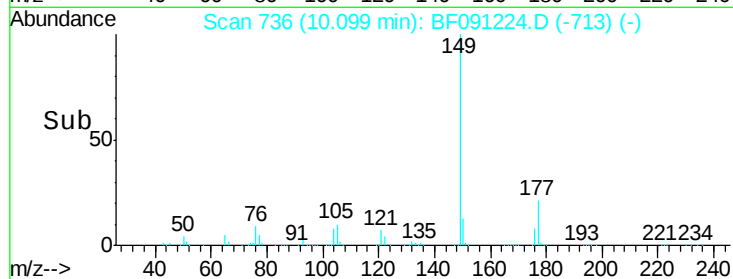
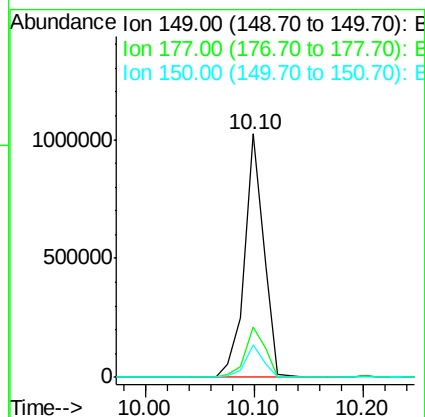
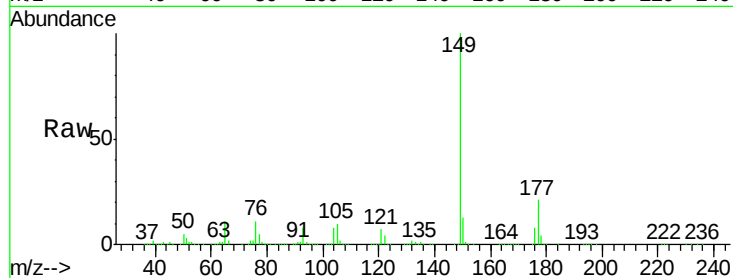




#59
Diethylphthalate
Concen: 40.63 ng
RT: 10.10 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

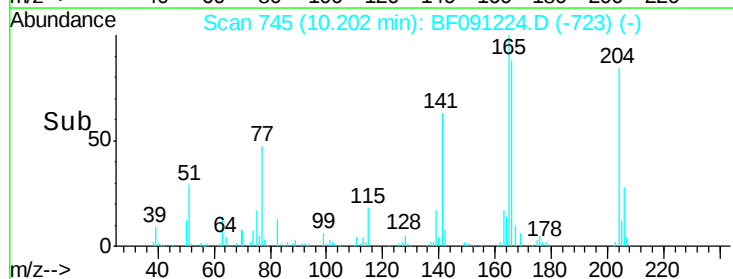
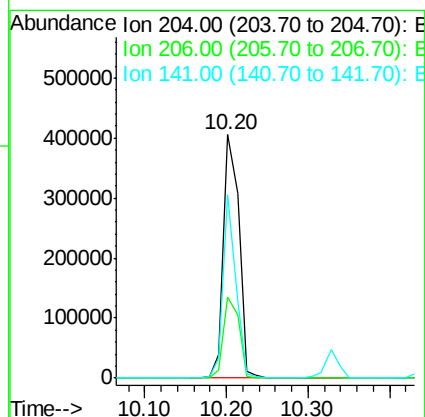
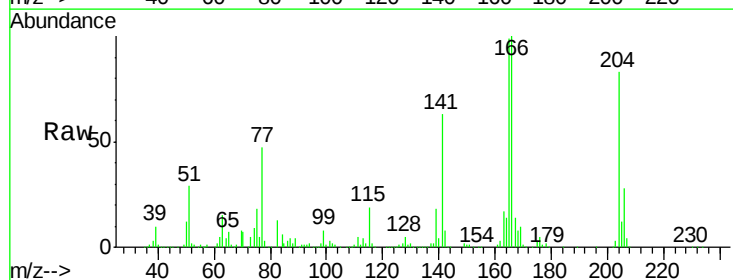
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

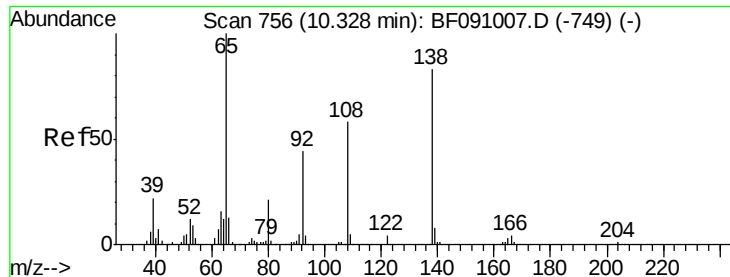
Tgt Ion:149 Resp: 1244205
Ion Ratio Lower Upper
149 100
177 20.6 17.3 25.9
150 13.1 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 42.99 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion:204 Resp: 531810
Ion Ratio Lower Upper
204 100
206 33.3 27.1 40.7
141 75.2 40.1 60.1#

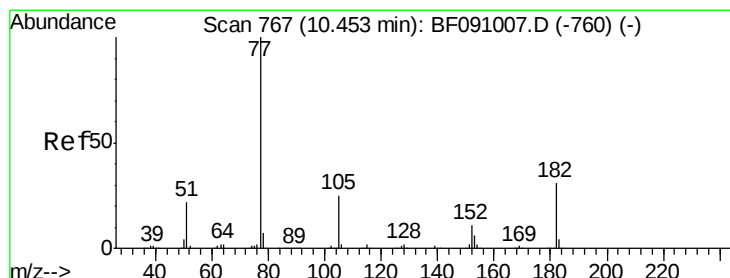
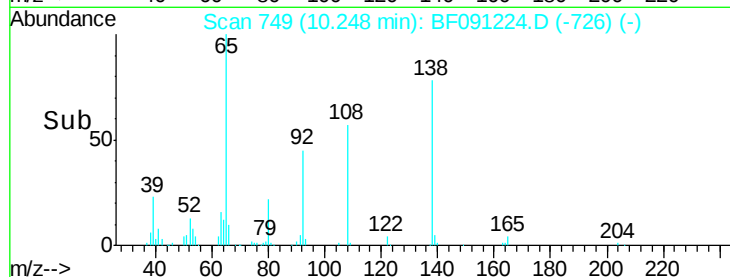
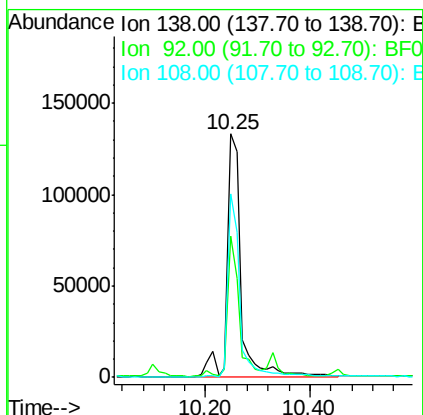
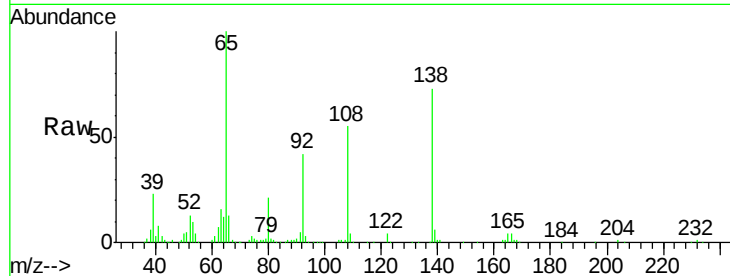




#61
4-Nitroaniline
Concen: 32.53 ng
RT: 10.25 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

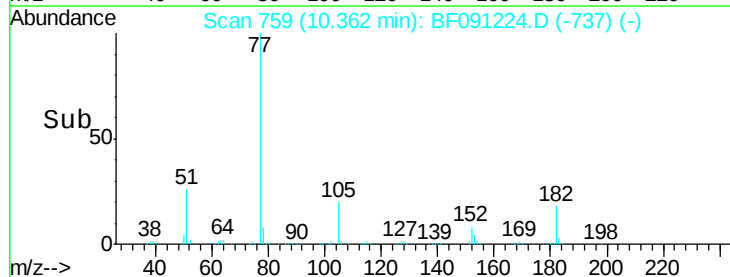
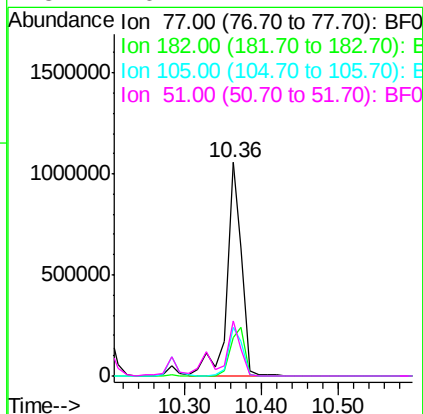
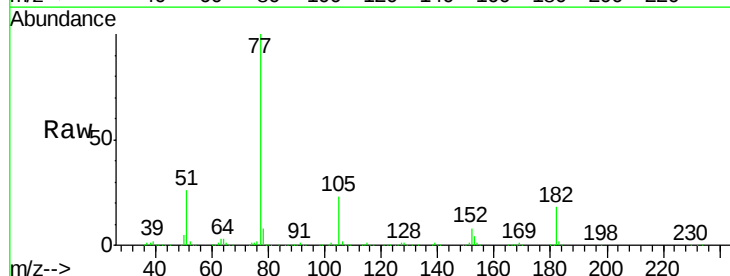
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

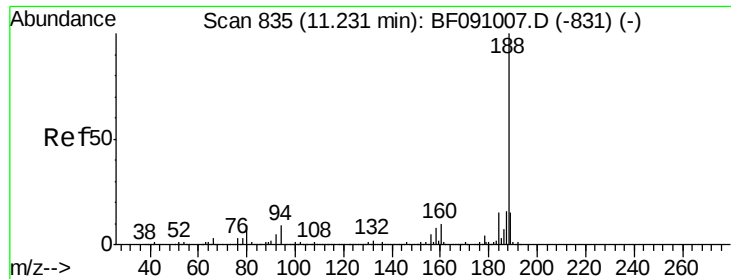
Tgt Ion:138 Resp: 249759
Ion Ratio Lower Upper
138 100
92 58.0 32.5 72.5
108 75.6 49.4 89.4



#62
Azobenzene
Concen: 39.59 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion: 77 Resp: 1426924
Ion Ratio Lower Upper
77 100
182 17.7 11.0 51.0
105 22.6 5.6 45.6
51 26.1 2.7 42.7

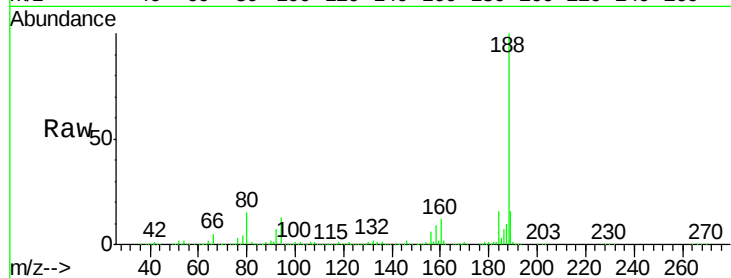




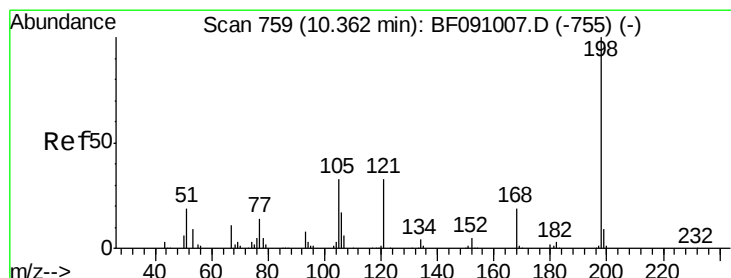
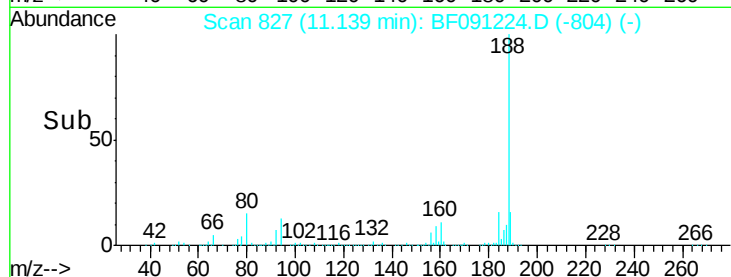
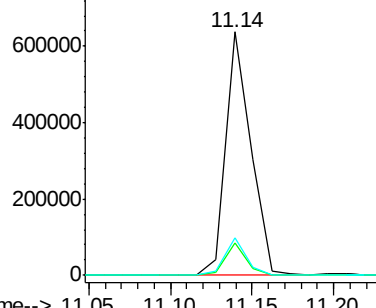
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tgt Ion:188 Resp: 689861
Ion Ratio Lower Upper
188 100
94 13.5 7.0 10.4#
80 15.2 7.5 11.3#

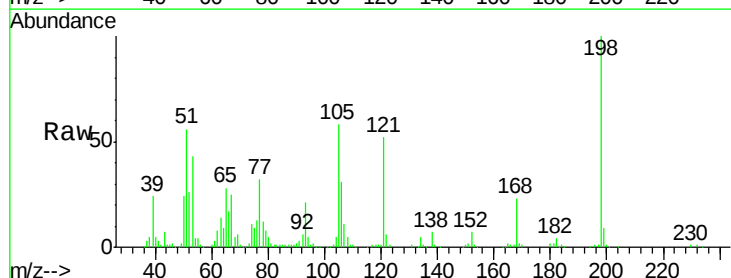


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

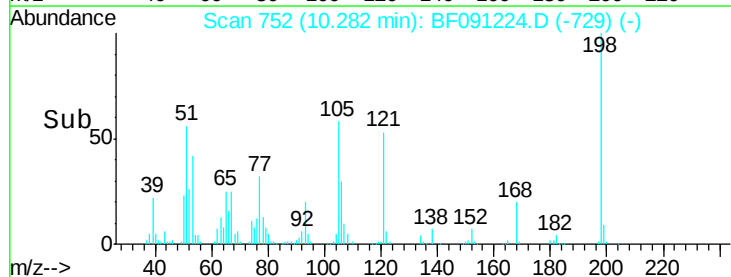
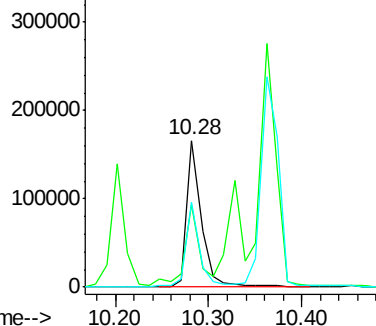


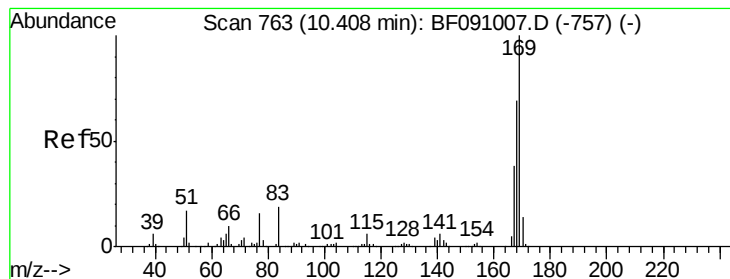
#64
4,6-Dinitro-2-methylphenol
Concen: 43.44 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion:198 Resp: 183522
Ion Ratio Lower Upper
198 100
51 55.8 5.9 45.9#
105 58.2 13.8 53.8#



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: 45.87 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

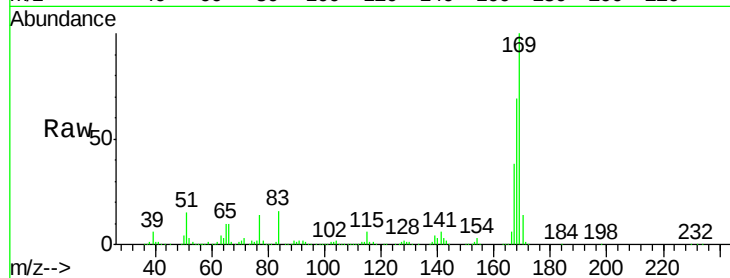
Tgt Ion:169 Resp: 1005850

Ion Ratio Lower Upper

169 100

168 69.1 55.3 82.9

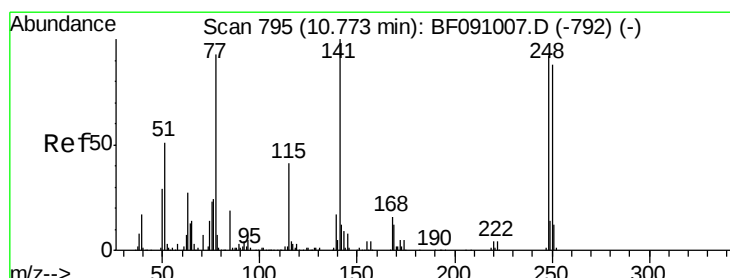
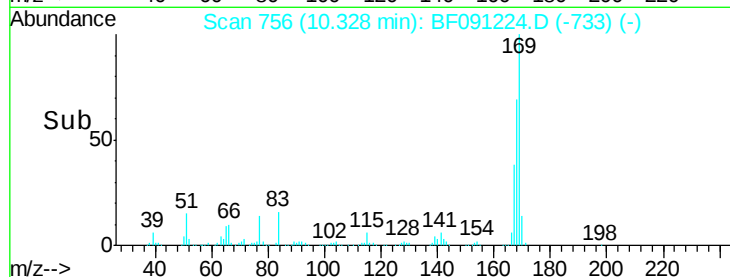
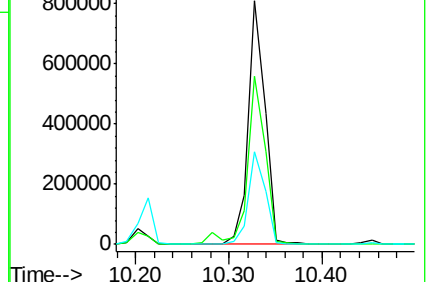
167 37.9 30.3 45.5



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: 50.08 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

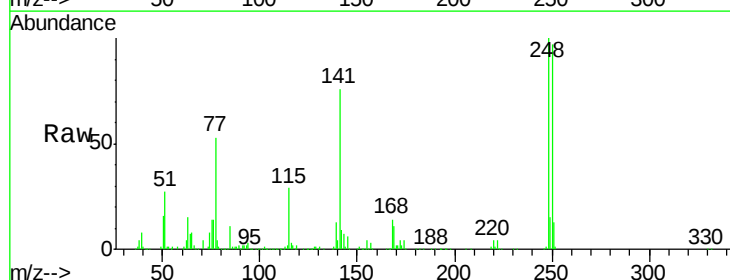
Tgt Ion:248 Resp: 359336

Ion Ratio Lower Upper

248 100

250 97.2 76.3 114.5

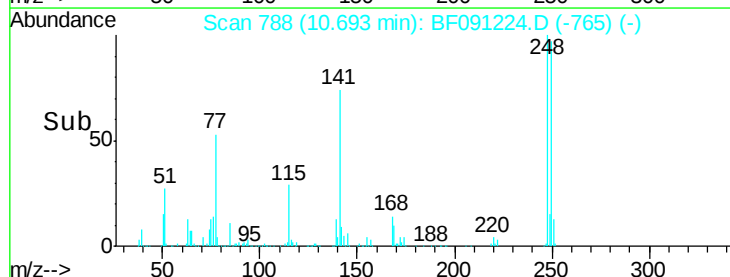
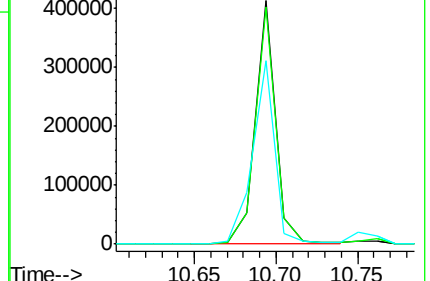
141 75.6 86.8 130.2#

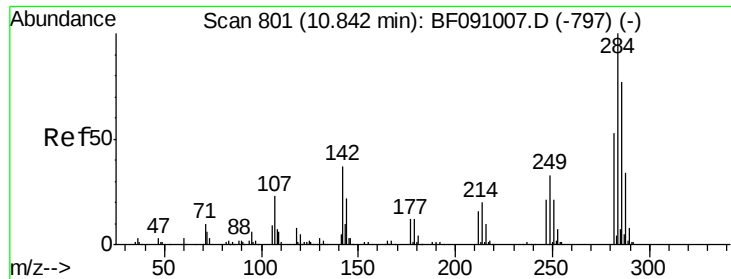


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

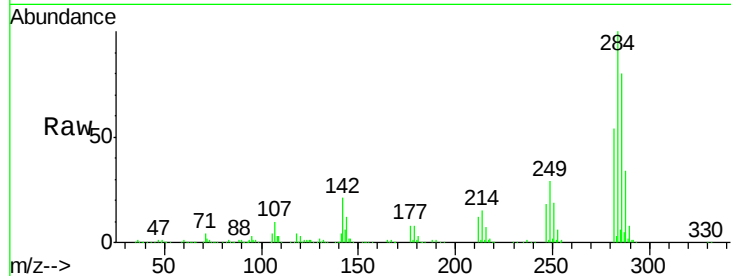




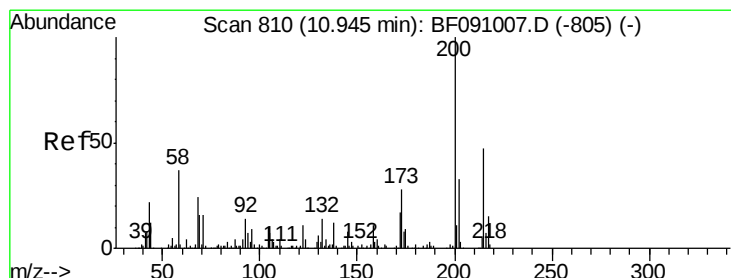
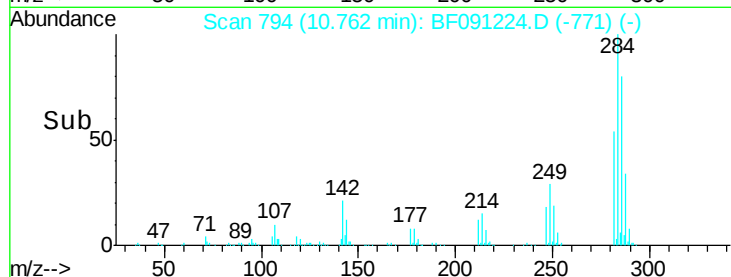
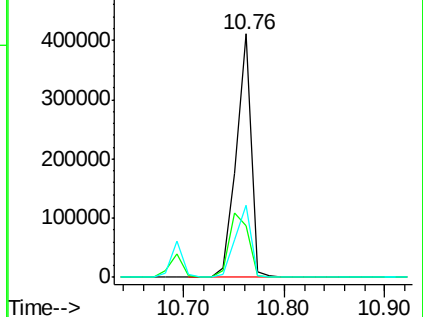
#67
Hexachlorobenzene
Concen: 53.46 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

Tgt Ion:284 Resp: 423083
Ion Ratio Lower Upper
284 100
142 21.2 29.9 44.9#
249 29.4 26.6 39.8

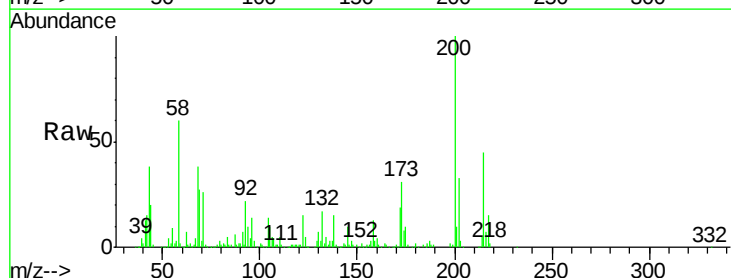


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

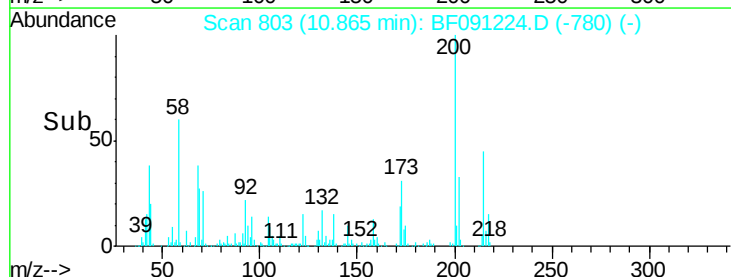
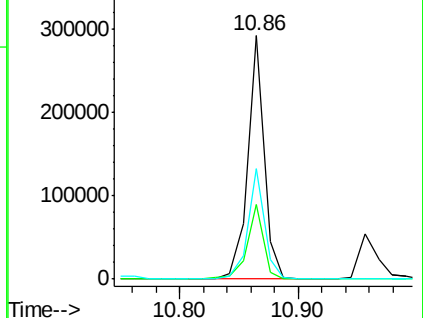


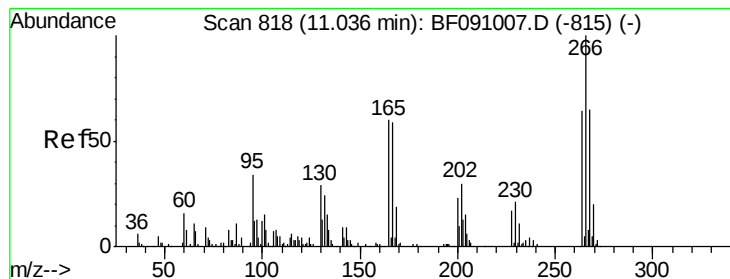
#68
Atrazine
Concen: 45.14 ng
RT: 10.86 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion:200 Resp: 285551
Ion Ratio Lower Upper
200 100
173 30.7 8.1 48.1
215 45.2 27.3 67.3



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: 94.12 ng

RT: 10.96 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

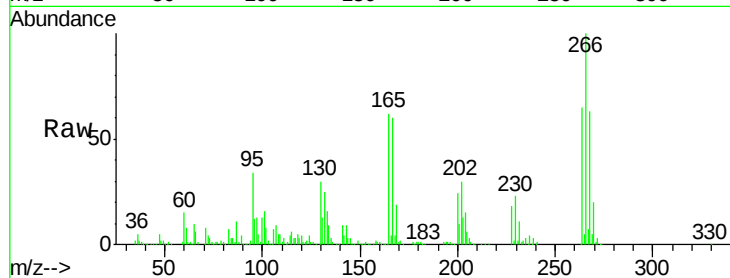
Tgt Ion:266 Resp: 329905

Ion Ratio Lower Upper

266 100

268 63.4 52.1 78.1

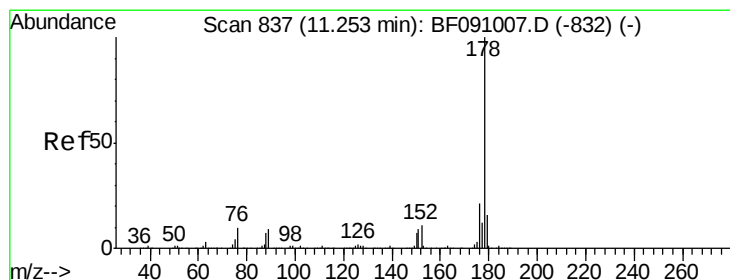
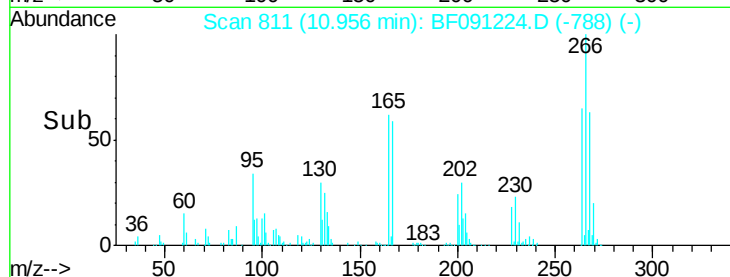
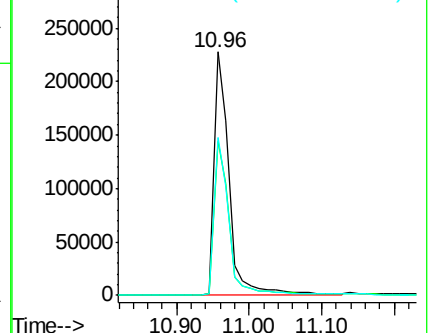
264 64.6 51.1 76.7



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: 47.93 ng

RT: 11.17 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

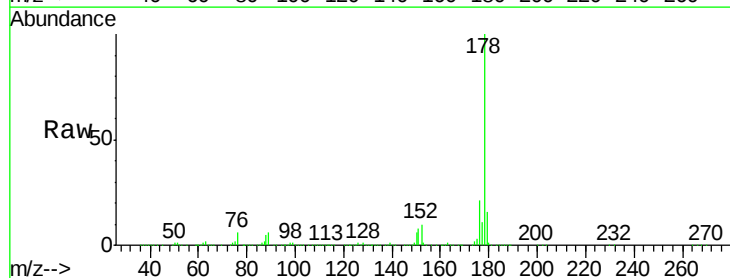
Tgt Ion:178 Resp: 1757803

Ion Ratio Lower Upper

178 100

176 20.6 16.6 25.0

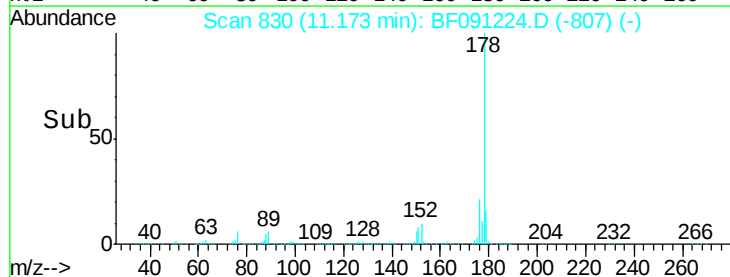
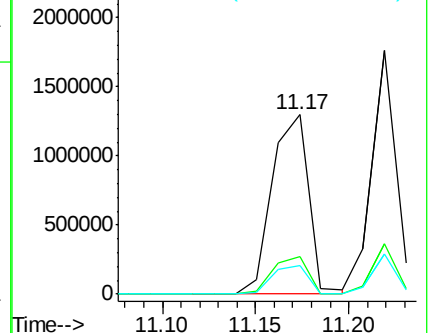
179 15.8 12.9 19.3

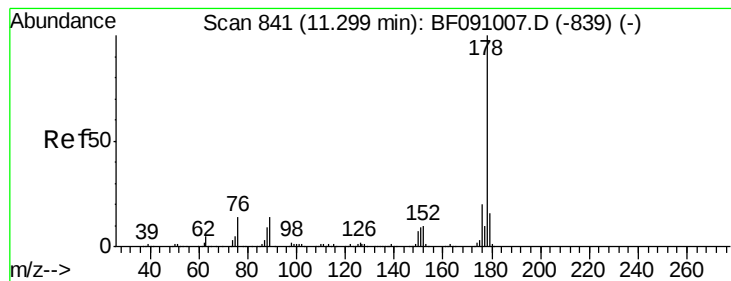


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.30 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

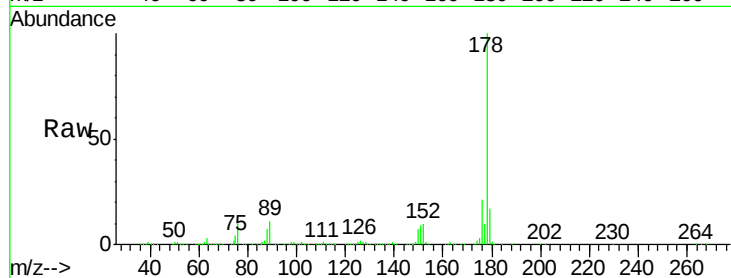
Tgt Ion:178 Resp: 1649169

Ion Ratio Lower Upper

178 100

176 20.9 16.0 24.0

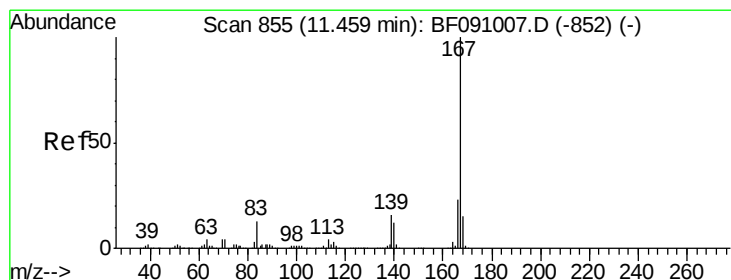
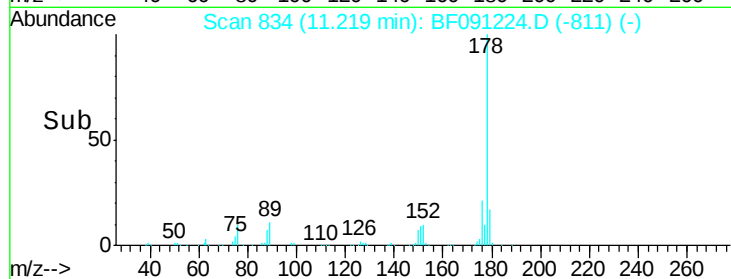
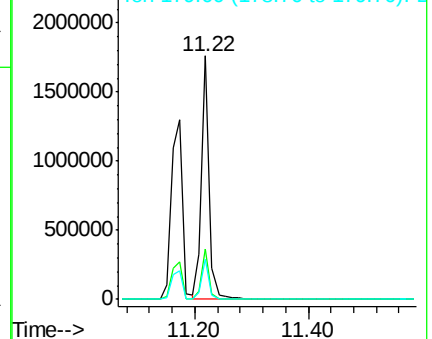
179 16.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.83 ng

RT: 11.38 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

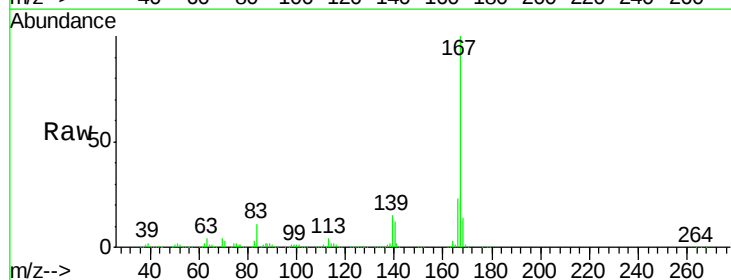
Tgt Ion:167 Resp: 1399393

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

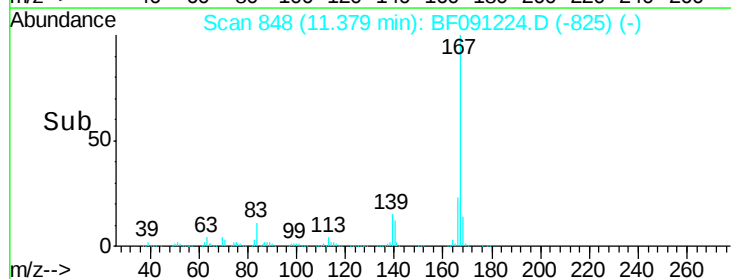
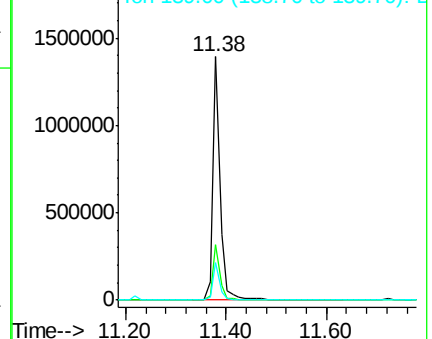
139 15.3 12.6 18.8

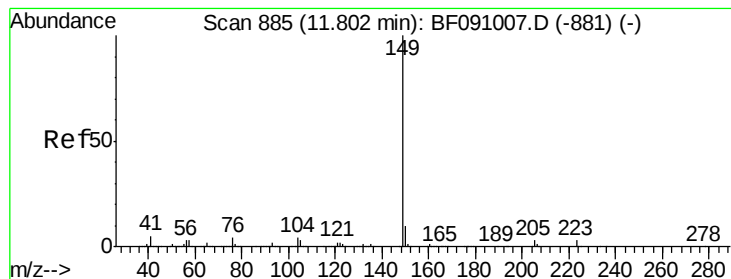


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.53 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

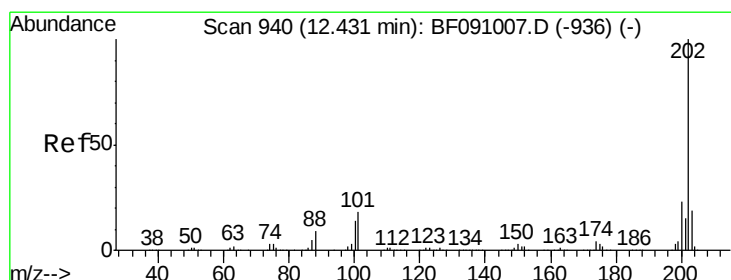
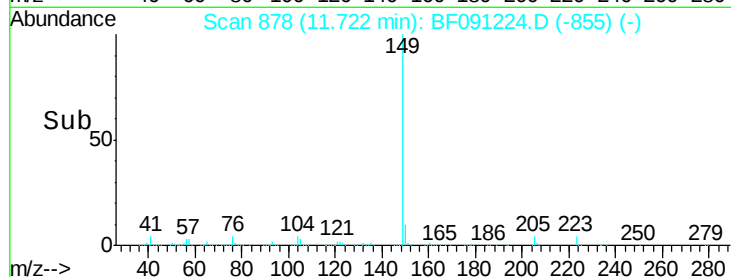
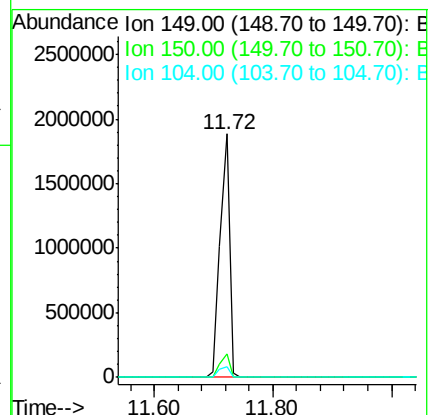
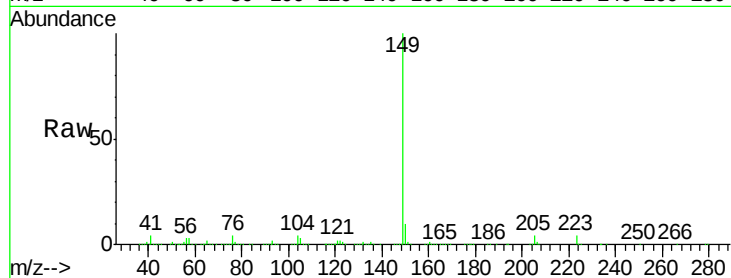
Tgt Ion:149 Resp: 2055898

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 4.5 3.6 5.4



#74

Fluoranthene

Concen: 39.74 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

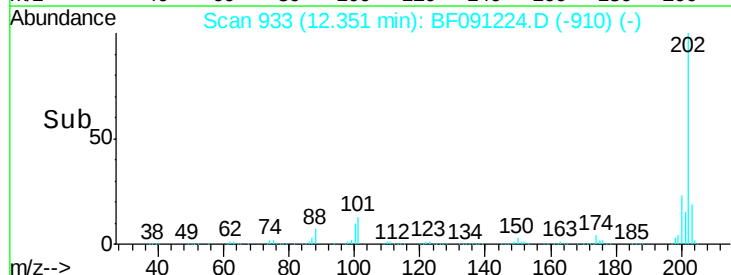
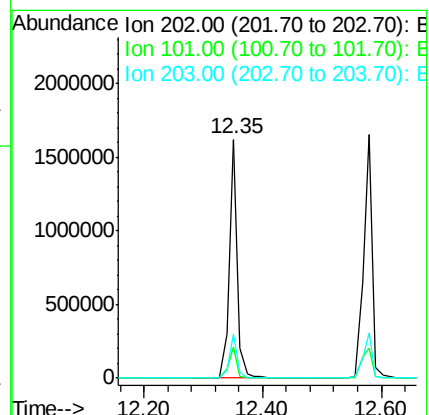
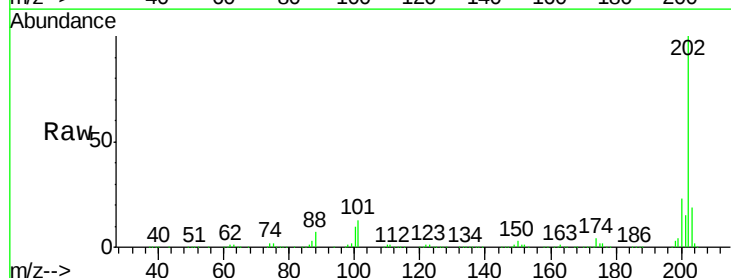
Tgt Ion:202 Resp: 1511556

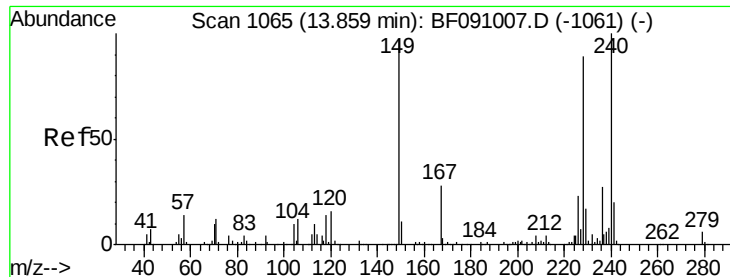
Ion Ratio Lower Upper

202 100

101 13.1 0.0 37.6

203 18.6 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

Instrument :

BNA_F

ClientSampleId :

SB-COMPMSD

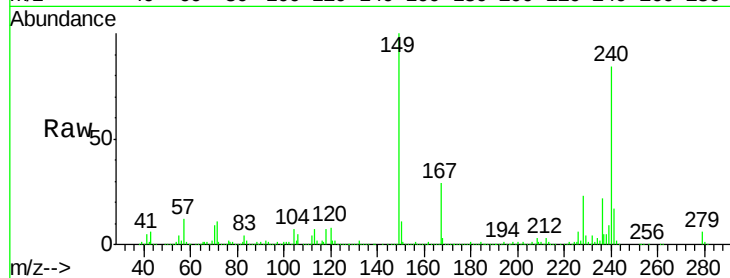
Tgt Ion:240 Resp: 507412

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

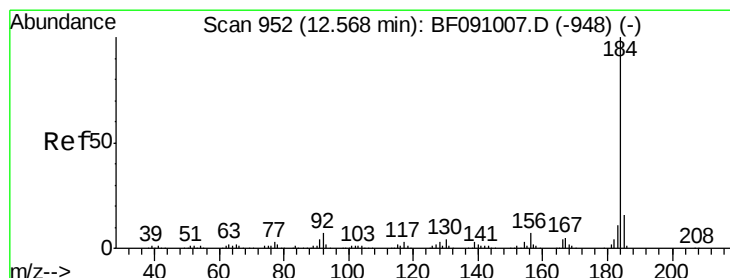
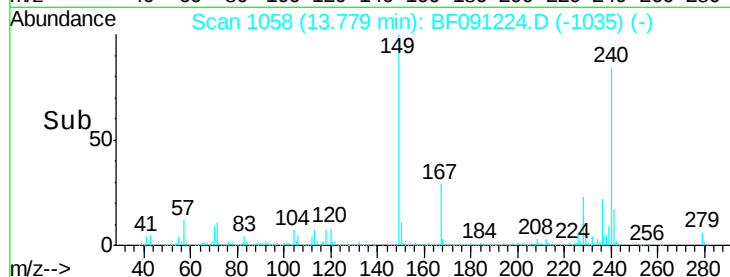
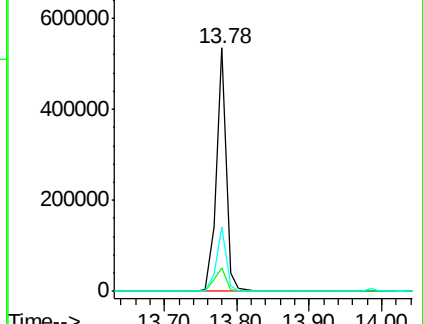
236 26.6 21.9 32.9



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: 3.84 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091224.D

Acq: 17 Nov 2016 20:43

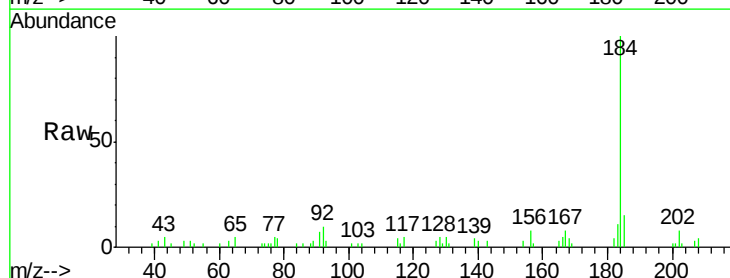
Tgt Ion:184 Resp: 43574

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

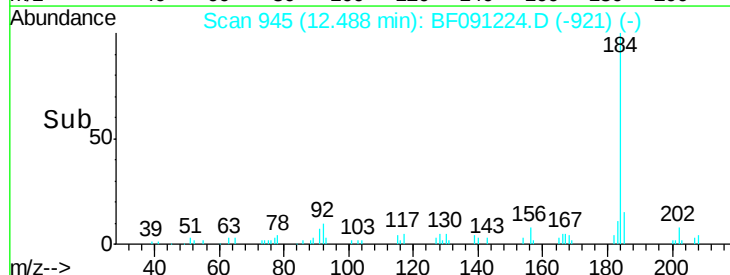
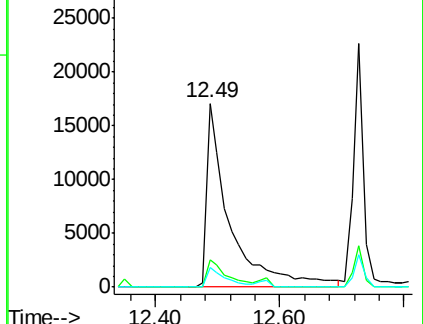
183 10.6 8.7 13.1

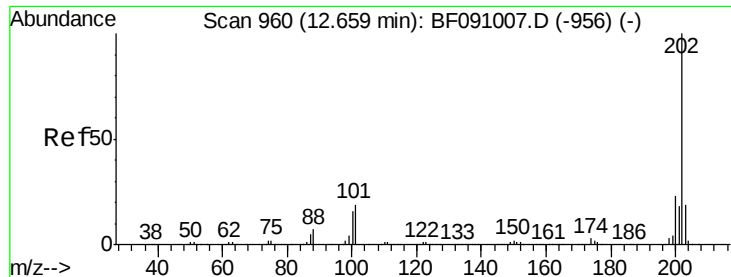


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

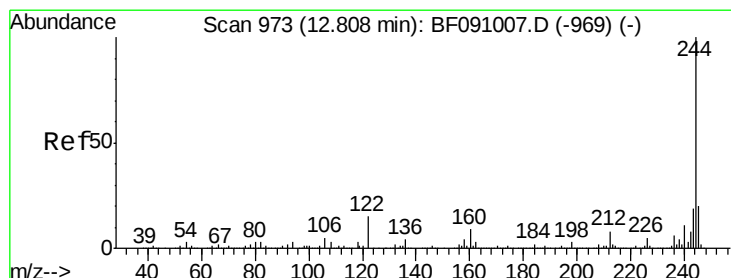
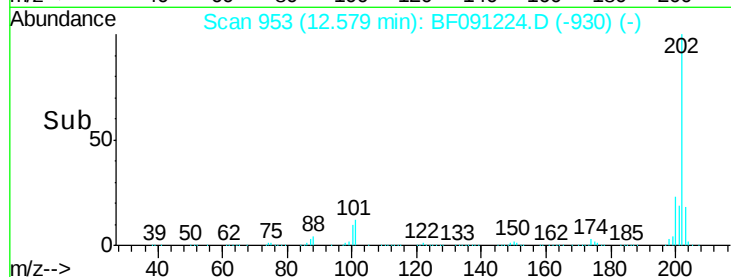
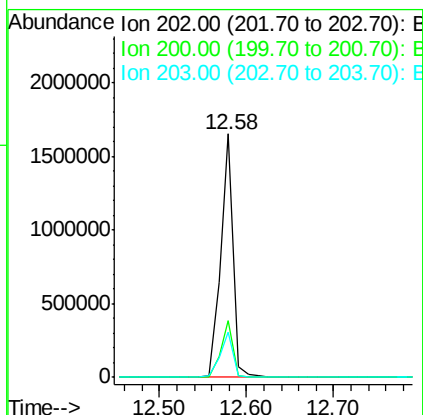
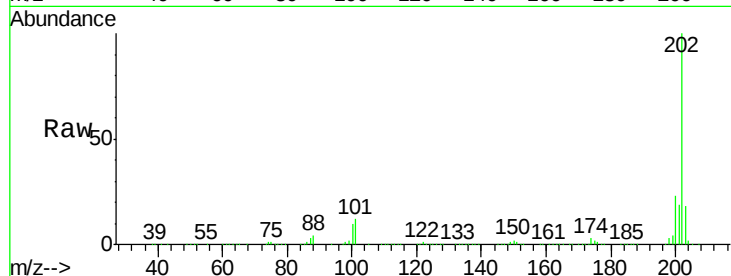




#77
 Pyrene
 Concen: 50.01 ng
 RT: 12.58 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

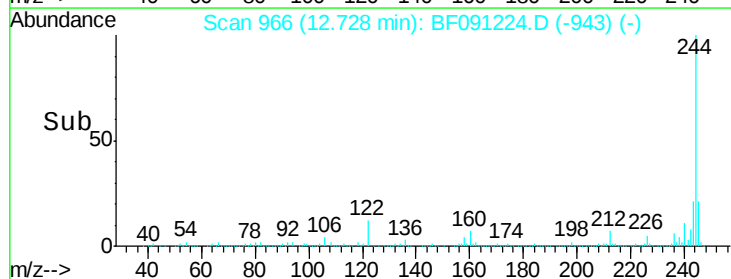
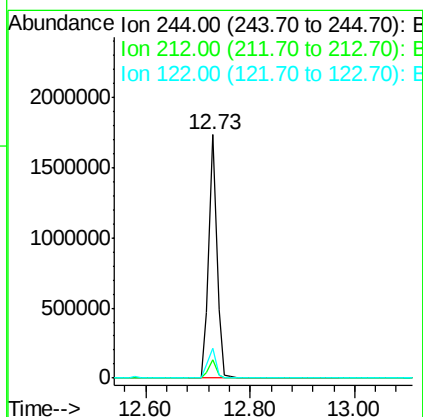
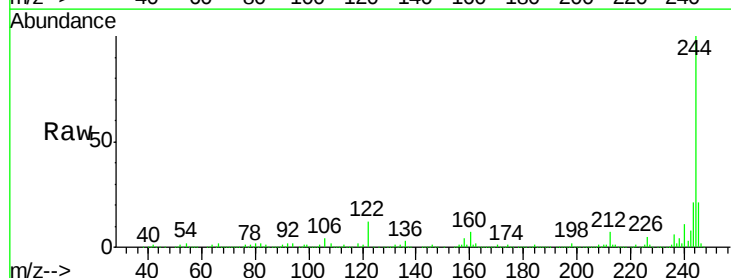
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion: 202 Resp: 1661803
 Ion Ratio Lower Upper
 202 100
 200 23.1 18.4 27.6
 203 18.4 15.0 22.6



#78
 Terphenyl-d14
 Concen: 93.57 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion: 244 Resp: 1902612
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 12.0 12.3 18.5#

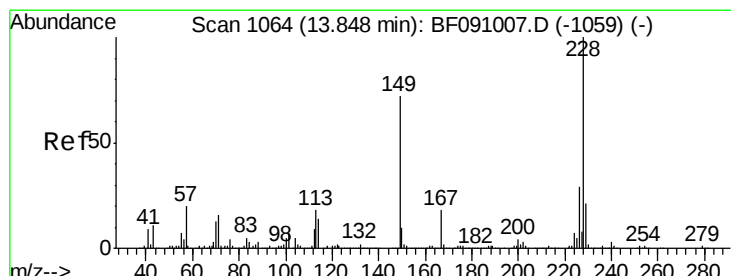
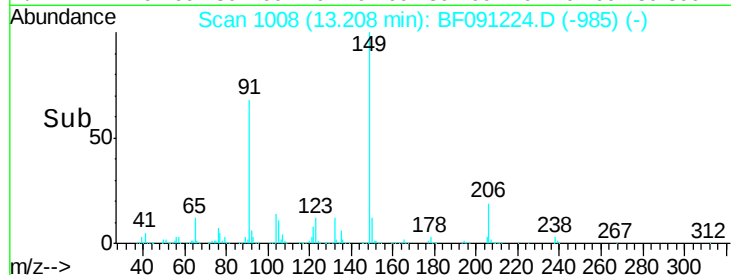
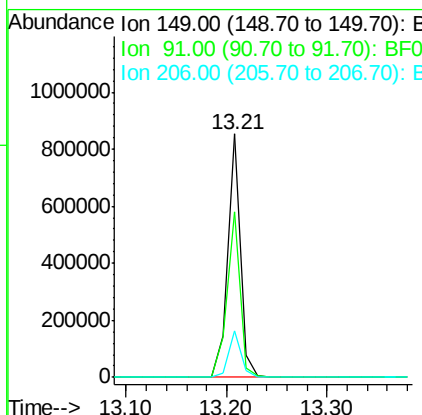
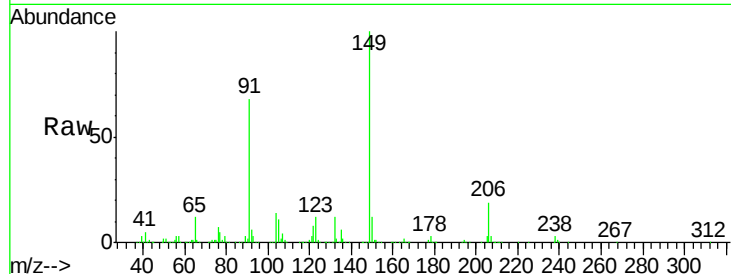




#79
 Butylbenzylphthalate
 Concen: 47.24 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

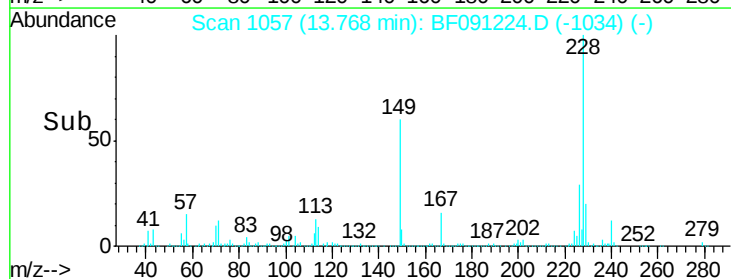
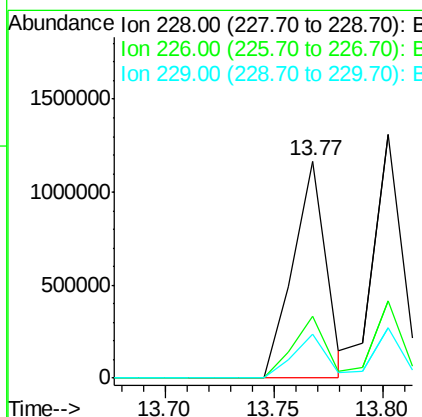
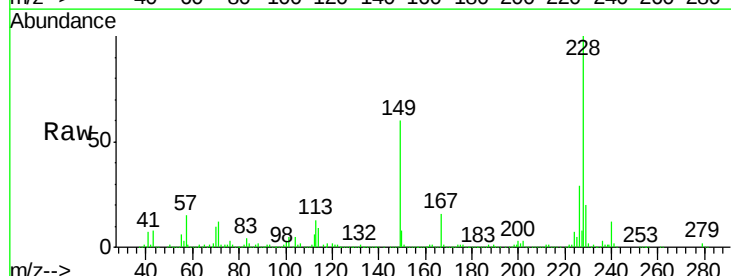
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

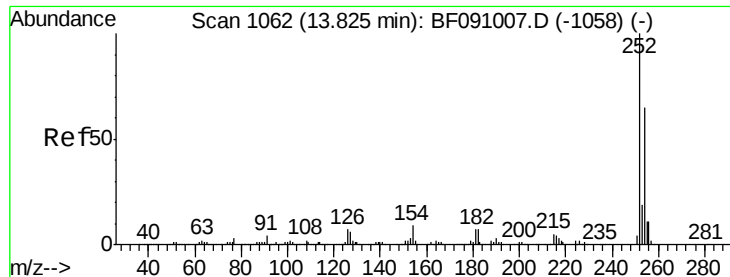
Tgt Ion:	149	Resp:	750903
Ion	Ratio	Lower	Upper
149	100		
91	68.0	65.0	97.4
206	19.0	12.5	18.7#



#80
 Benzo(a)anthracene
 Concen: 43.14 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:	228	Resp:	1242709
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.5	16.6	24.8

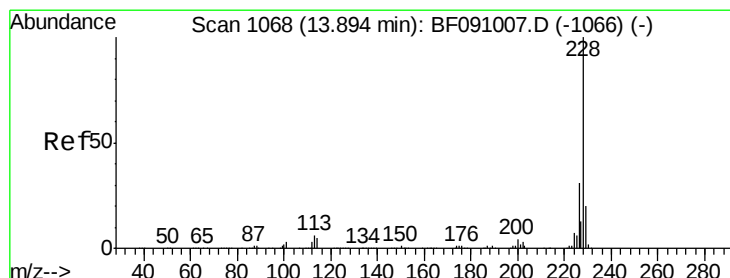
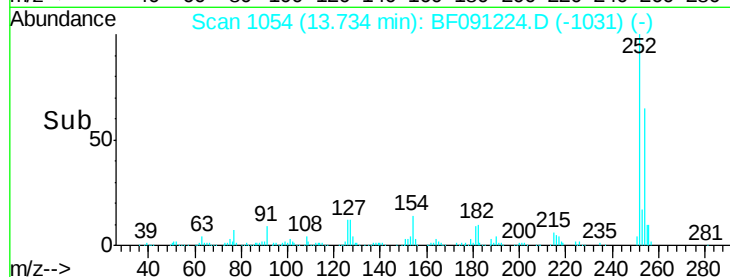
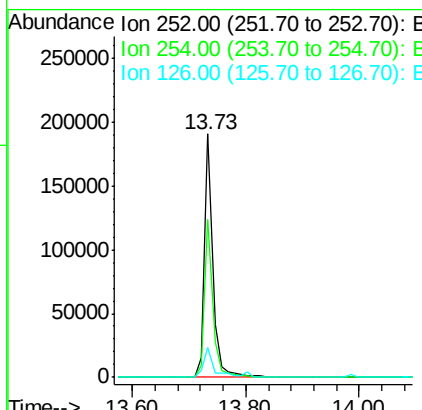
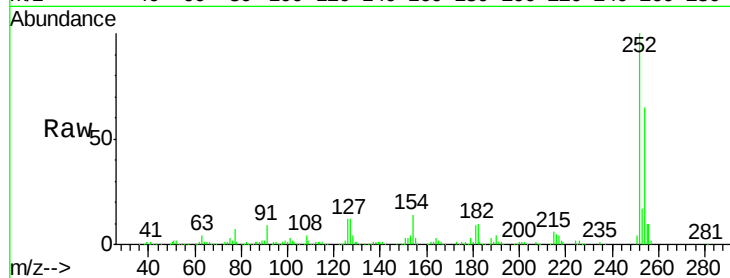




#81
 3,3'-Dichlorobenzidine
 Concen: 18.70 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

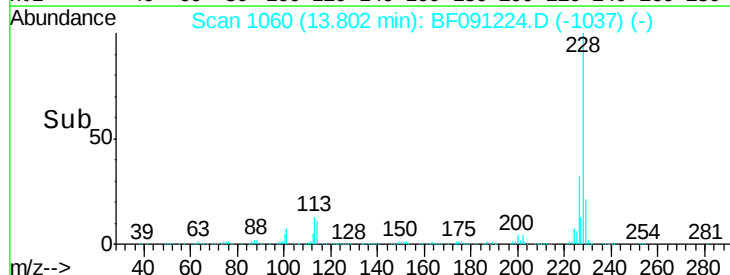
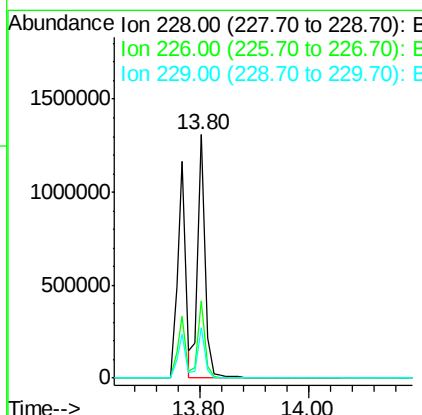
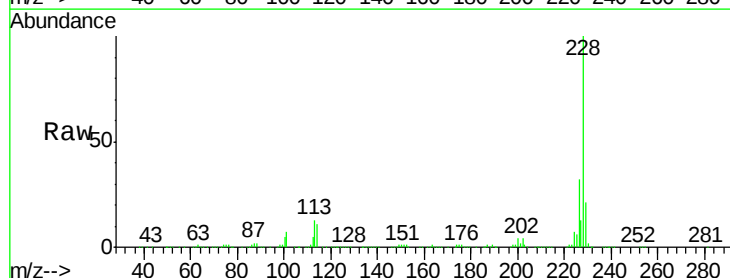
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion:252 Resp: 189236
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.0 78.0
 126 12.4 5.4 8.2#



#82
 Chrysene
 Concen: 43.38 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:228 Resp: 1232405
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 20.6 15.9 23.9

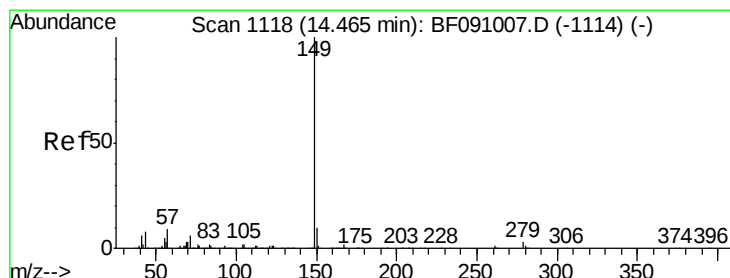
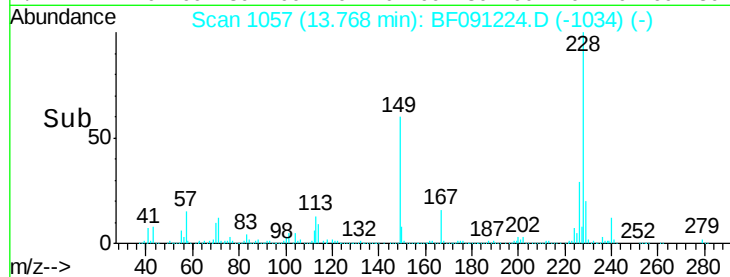
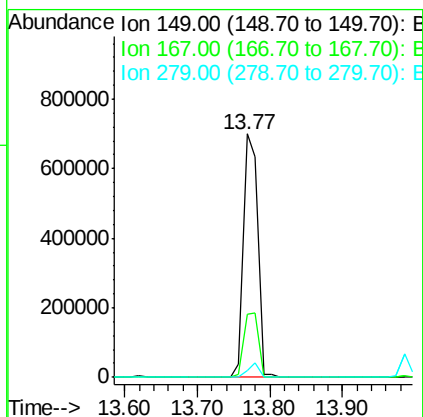
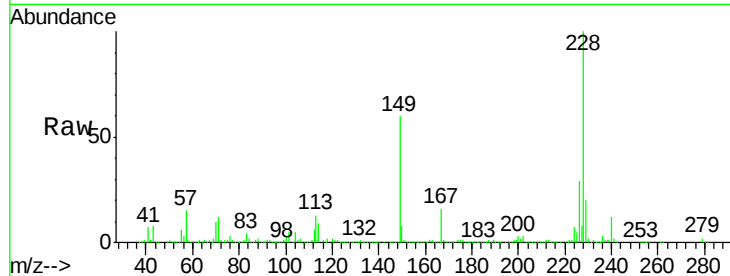




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.59 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

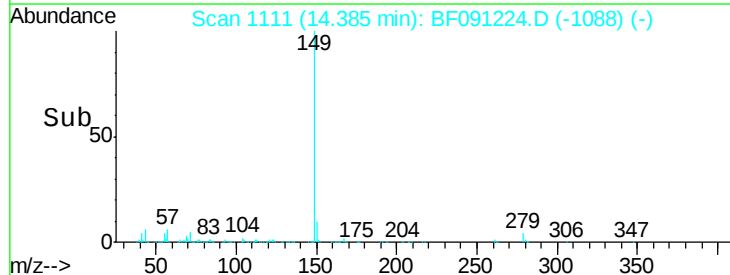
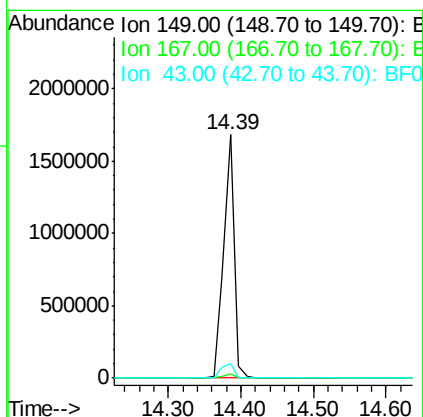
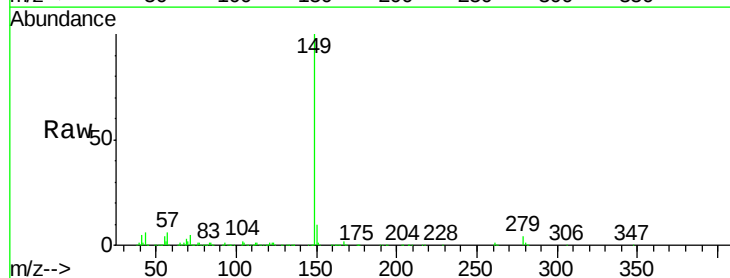
Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

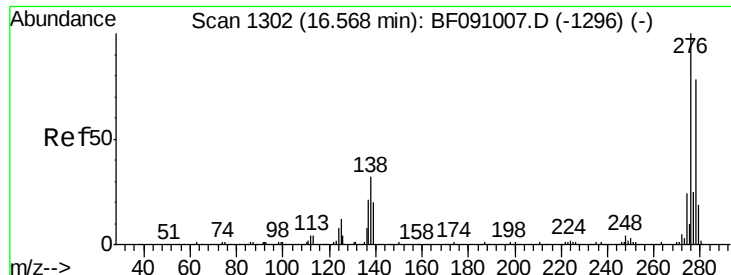
Tgt Ion:149 Resp: 959195
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.4 30.6
 279 2.6 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 48.35 ng
 RT: 14.39 min Scan# 1111
 Delta R.T. -0.03 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion:149 Resp: 1710029
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.3 8.2 12.4#



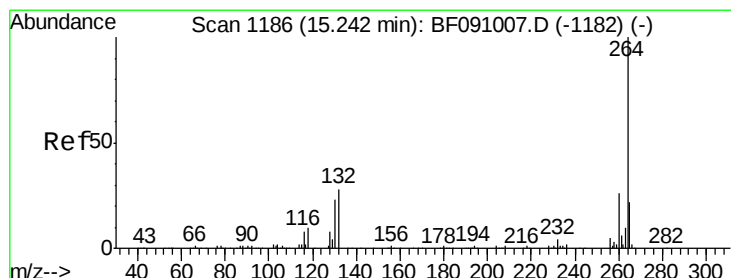
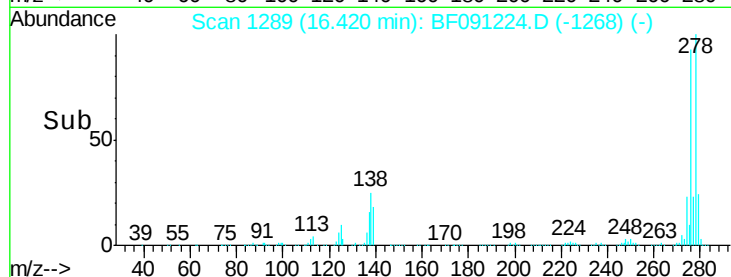
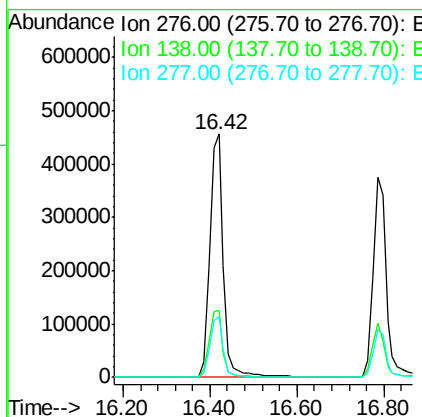
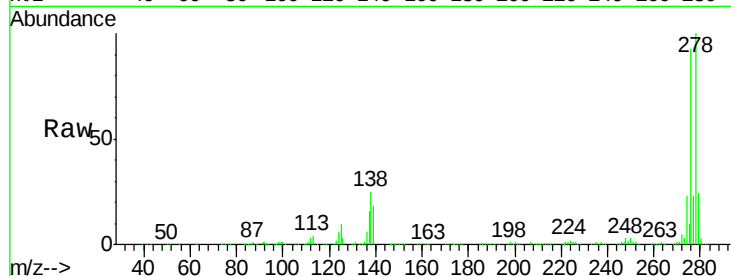


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.62 ng
 RT: 16.42 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion: 276 Resp: 1004663

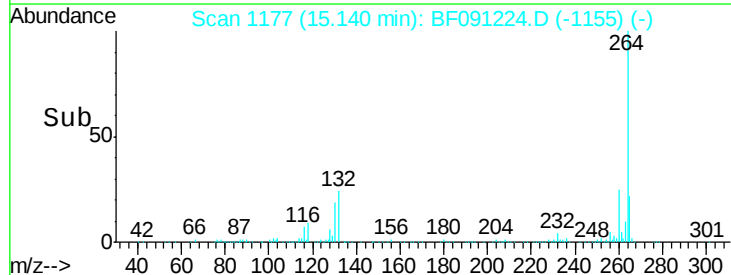
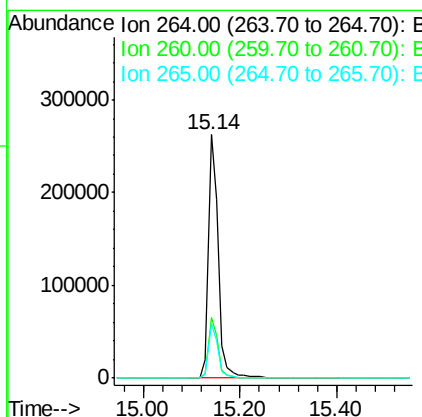
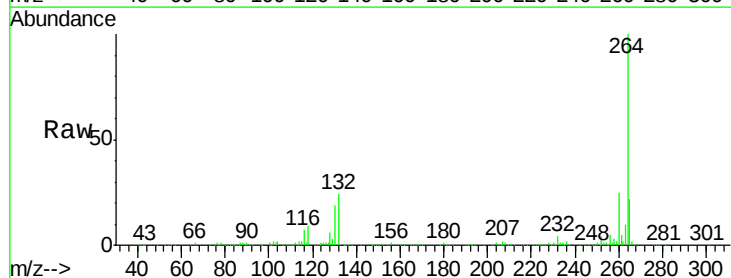
Ion	Ratio	Lower	Upper
276	100		
138	28.0	26.0	39.0
277	25.0	20.1	30.1

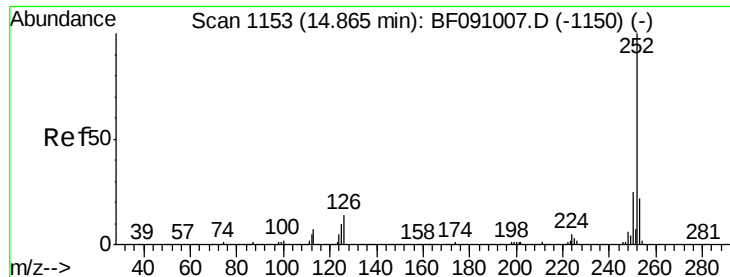


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Tgt Ion: 264 Resp: 375569

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	22.3	17.8	26.8

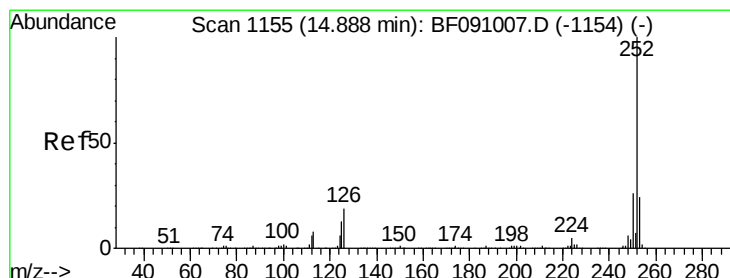
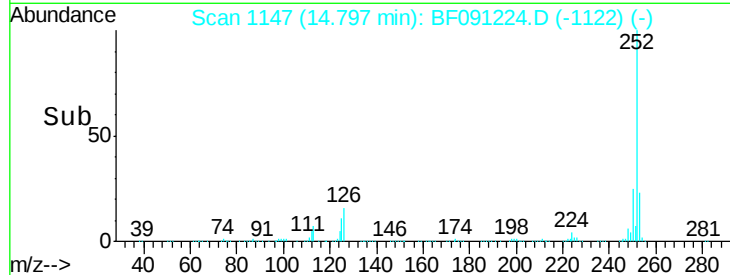
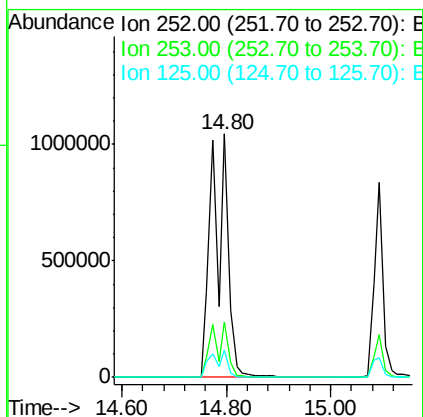
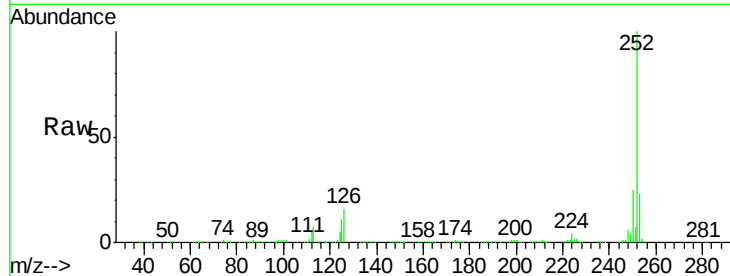




#87
Benzo(b)fluoranthene
Concen: 85.28 ng
RT: 14.80 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

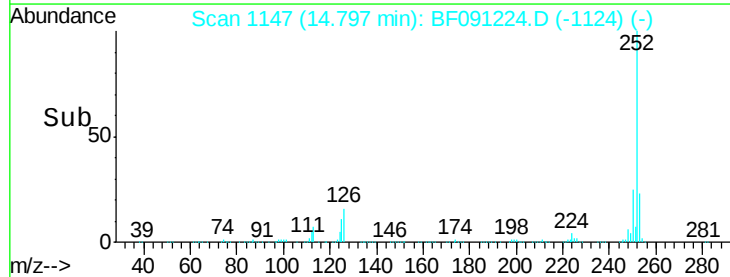
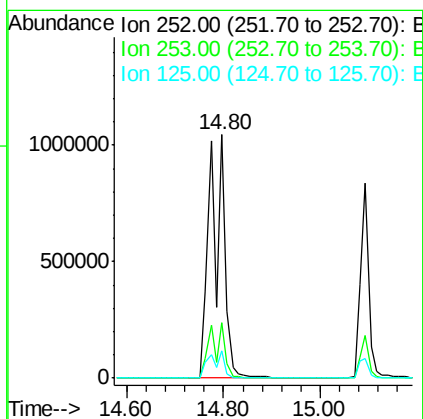
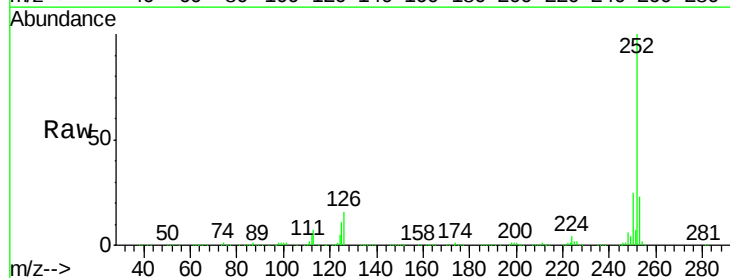
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

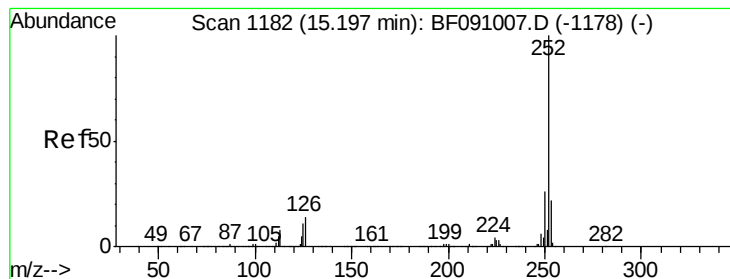
Tgt Ion:252 Resp: 2172247
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.2 8.3 12.5



#88
Benzo(k)fluoranthene
Concen: 97.30 ng
RT: 14.80 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion:252 Resp: 2174077
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 11.2 11.2 16.8

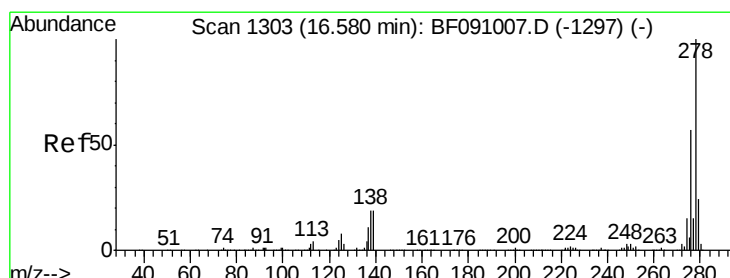
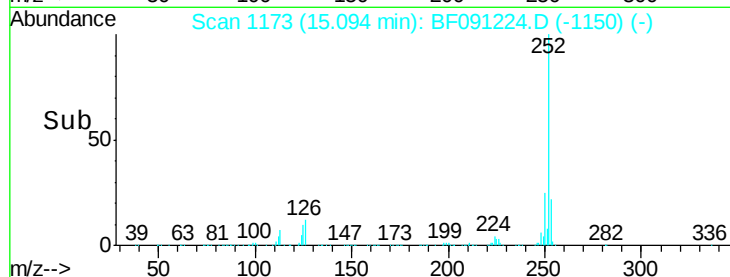
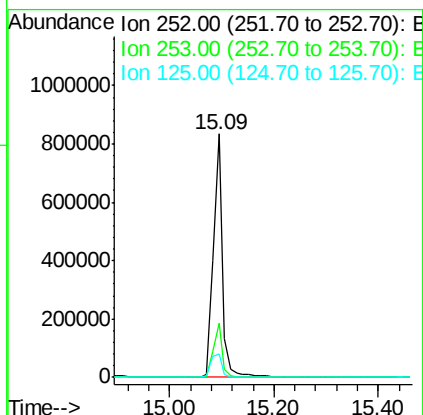
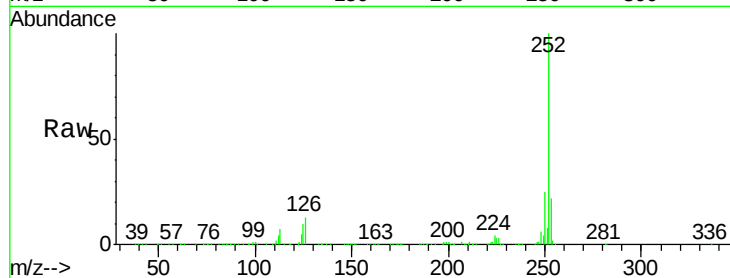




#89
Benzo(a)pyrene
Concen: 44.83 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

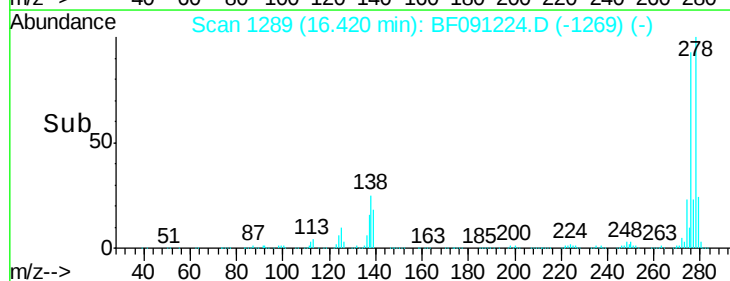
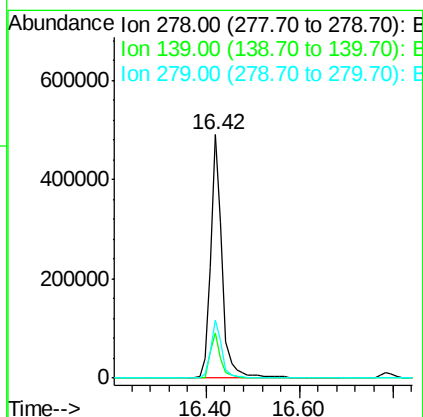
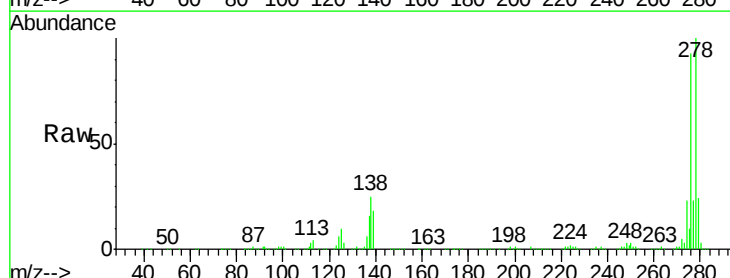
Instrument :
BNA_F
ClientSampleId :
SB-COMPMSD

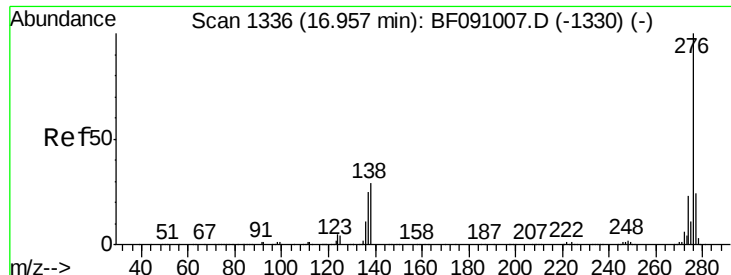
Tgt Ion: 252 Resp: 994086
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.9 8.6 13.0



#90
Dibenzo(a,h)anthracene
Concen: 44.53 ng
RT: 16.42 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF091224.D
Acq: 17 Nov 2016 20:43

Tgt Ion: 278 Resp: 853698
Ion Ratio Lower Upper
278 100
139 18.4 15.3 22.9
279 23.7 19.3 28.9

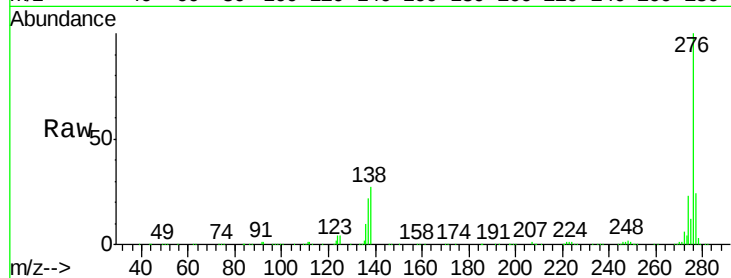




#91
 Benzo(g,h,i)perylene
 Concen: 45.95 ng
 RT: 16.79 min Scan# 1321
 Delta R.T. -0.07 min
 Lab File: BF091224.D
 Acq: 17 Nov 2016 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-COMPMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	27.0	23.3	34.9



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

