

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
 Data File : BF091724.D
 Acq On : 18 Dec 2016 1:40
 Operator : UM/SJ
 Sample : PB95409BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Quant Time: Dec 18 02:58:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	289911	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1183583	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	664850	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1064941	20.00	ng	0.00
75) Chrysene-d12	13.93	240	760998	20.00	ng	0.00
86) Perylene-d12	15.33	264	817335	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	2582221	149.23	ng	0.01
7) Phenol-d6	6.42	99	2682232	127.10	ng	0.00
23) Nitrobenzene-d5	7.34	82	1929175	94.00	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	656946	116.53	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3110904	94.00	ng	0.00
78) Terphenyl-d14	12.88	244	2758551	91.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	364462	42.77	ng	97
3) Pyridine	3.10	79	983147	35.81	ng	97
4) n-Nitrosodimethylamine	3.07	42	470201	44.26	ng	98
6) Aniline	6.44	93	483446	17.80	ng	# 49
8) 2-Chlorophenol	6.56	128	810000	42.53	ng	98
9) Benzaldehyde	6.30	77	131613	8.02	ng	86
10) Phenol	6.43	94	944137	39.69	ng	86
11) bis(2-Chloroethyl)ether	6.51	93	822831	43.31	ng	100
12) 1,3-Dichlorobenzene	6.94	146	836703	40.00	ng	98
13) 1,4-Dichlorobenzene	6.78	146	859018	40.59	ng	98
14) 1,2-Dichlorobenzene	6.94	146	837324	45.16	ng	96
15) Benzyl Alcohol	6.92	79	734445	44.95	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1269646	43.74	ng	99
17) 2-Methylphenol	7.04	107	724738	45.53	ng	98
18) Hexachloroethane	7.29	117	345948	43.99	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	613111	43.68	ng	96
20) 3+4-Methylphenols	7.20	107	884429	49.81	ng	# 83
22) Acetophenone	7.18	105	1207351	42.25	ng	# 99
24) Nitrobenzene	7.36	77	920387	41.76	ng	97
25) Isophorone	7.60	82	1820633	46.49	ng	96
26) 2-Nitrophenol	7.68	139	516786	48.61	ng	91
27) 2,4-Dimethylphenol	7.72	122	856965	49.41	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	1134312	49.51	ng	99
29) 2,4-Dichlorophenol	7.92	162	715243	44.71	ng	89
30) 1,2,4-Trichlorobenzene	8.00	180	753066	43.44	ng	# 95
31) Naphthalene	8.08	128	2339119	41.37	ng	100
32) Benzoic acid	7.86	122	607055	49.11	ng	97
33) 4-Chloroaniline	8.13	127	281590	11.82	ng	94
34) Hexachlorobutadiene	8.20	225	432690	44.39	ng	99
35) Caprolactam	8.51	113	174196	33.84	ng	# 67
36) 4-Chloro-3-methylphenol	8.62	107	835454	47.34	ng	99
37) 2-Methylnaphthalene	8.77	142	1731897	48.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	666592	40.23	ng	99
40) Hexachlorocyclopentadiene	8.92	237	771838	109.89	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

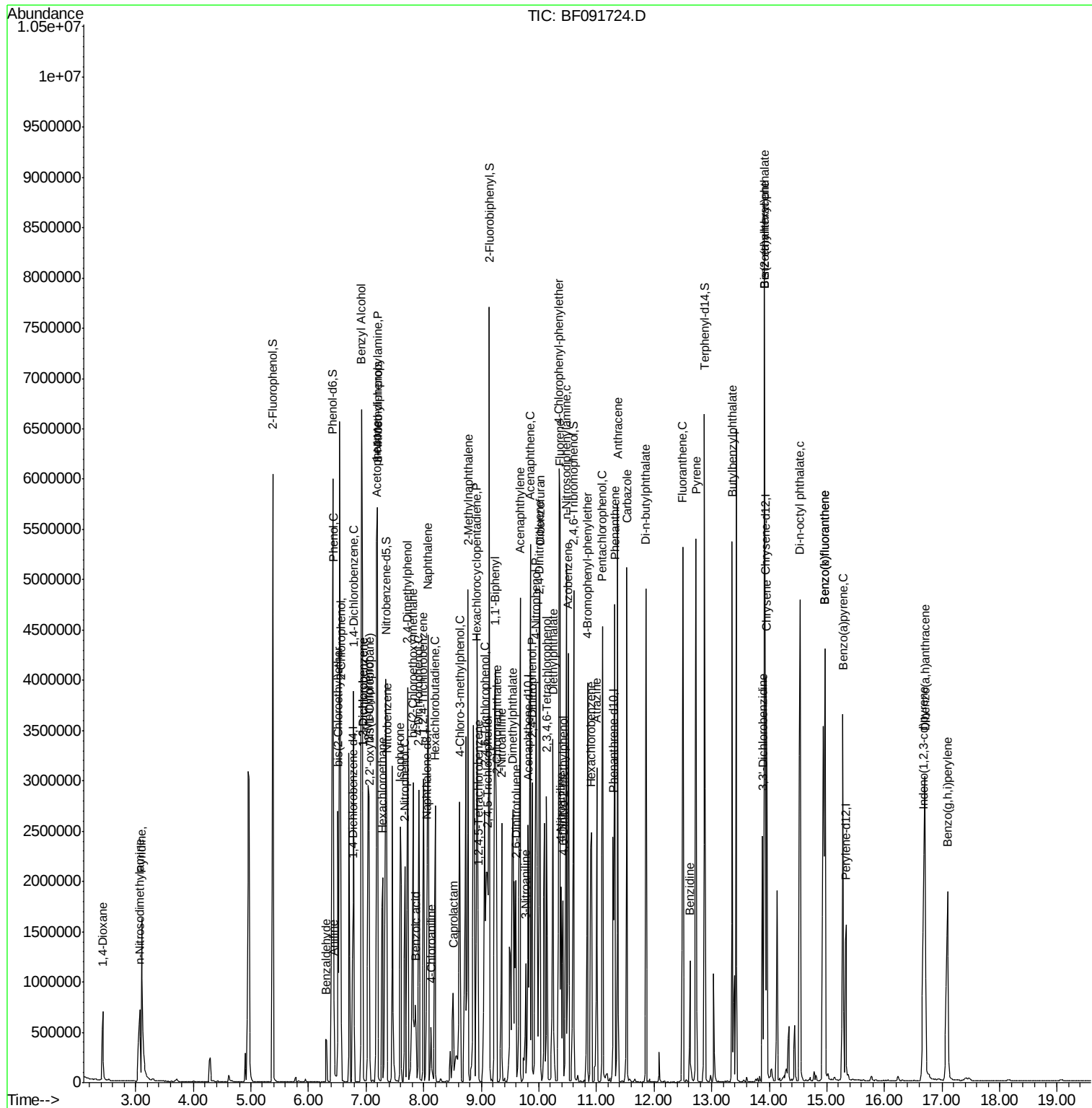
42) 2,4,6-Trichlorophenol	9.06	196	549000	46.37	ng	99
43) 2,4,5-Trichlorophenol	9.10	196	534984	45.99	ng	# 85
45) 1,1'-Biphenyl	9.24	154	2042853	42.87	ng	98
46) 2-Chloronaphthalene	9.26	162	1551768	43.57	ng	97
47) 2-Nitroaniline	9.36	65	516890	42.51	ng	99
48) Acenaphthylene	9.68	152	2470465	44.77	ng	100
49) Dimethylphthalate	9.55	163	1973507	45.44	ng	100
50) 2,6-Dinitrotoluene	9.61	165	475077	49.89	ng	# 86
51) Acenaphthene	9.85	154	1678337	44.32	ng	99
52) 3-Nitroaniline	9.77	138	215564	18.18	ng	90
53) 2,4-Dinitrophenol	9.88	184	522418	101.56	ng	# 78
54) Dibenzofuran	10.02	168	2124235	47.17	ng	100
55) 4-Nitrophenol	9.95	139	728604	88.50	ng	96
56) 2,4-Dinitrotoluene	10.01	165	560795	47.15	ng	96
57) Fluorene	10.36	166	1674144	47.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	415443	43.20	ng	99
59) Diethylphthalate	10.25	149	1927241	45.14	ng	96
60) 4-Chlorophenyl-phenylether	10.35	204	671849	42.17	ng	99
61) 4-Nitroaniline	10.38	138	407543	36.28	ng	99
62) Azobenzene	10.51	77	2026087	44.61	ng	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	354029	50.40	ng	95
65) n-Nitrosodiphenylamine	10.48	169	1532838	46.35	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	507562	45.45	ng	97
67) Hexachlorobenzene	10.91	284	541831	46.30	ng	# 90
68) Atrazine	11.00	200	505607	50.59	ng	98
69) Pentachlorophenol	11.10	266	562884	89.14	ng	98
70) Phenanthrene	11.32	178	2642294	49.66	ng	99
71) Anthracene	11.37	178	2252352	39.96	ng	99
72) Carbazole	11.53	167	2358259	47.85	ng	99
73) Di-n-butylphthalate	11.86	149	2582600	40.87	ng	100
74) Fluoranthene	12.50	202	2271797	40.88	ng	100
76) Benzidine	12.62	184	524073	23.92	ng	97
77) Pyrene	12.73	202	2269981	41.30	ng	99
79) Butylbenzylphthalate	13.36	149	1217578	47.34	ng	97
80) Benzo(a)anthracene	13.92	228	2002395	46.00	ng	100
81) 3,3'-Dichlorobenzidine	13.88	252	464935	26.69	ng	97
82) Chrysene	13.95	228	1923559	42.63	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1412961	43.31	ng	98
84) Di-n-octyl phthalate	14.53	149	2913497	48.46	ng	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2104994	47.45	ng	99
87) Benzo(b)fluoranthene	14.97	252	4084202	78.80	ng	98
88) Benzo(k)fluoranthene	14.97	252	4086356	112.37	ng	99
89) Benzo(a)pyrene	15.28	252	1919421	43.15	ng	100
90) Dibenzo(a,h)anthracene	16.71	278	1689353	43.57	ng	99
91) Benzo(g,h,i)perylene	17.09	276	1731636	43.94	ng	# 95

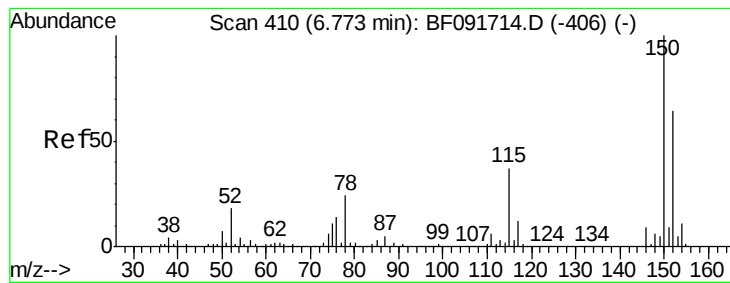
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

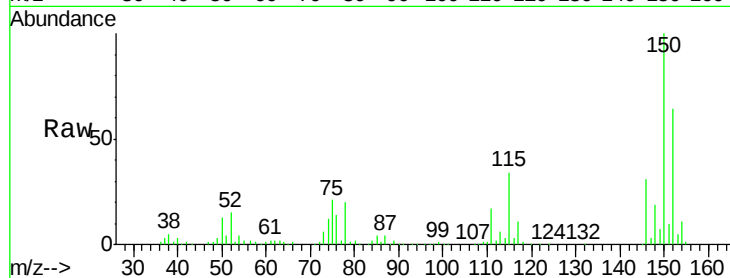
Tgt Ion: 152 Resp: 289911

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

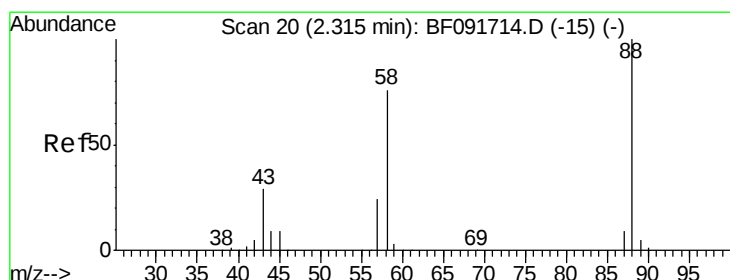
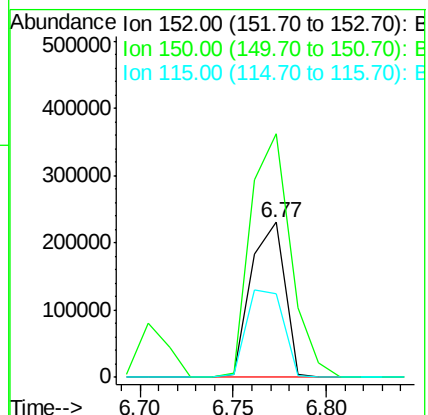
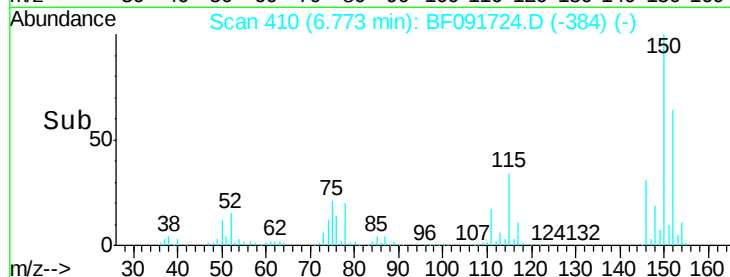
115 54.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.77 ng

RT: 2.43 min Scan# 30

Delta R.T. 0.11 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

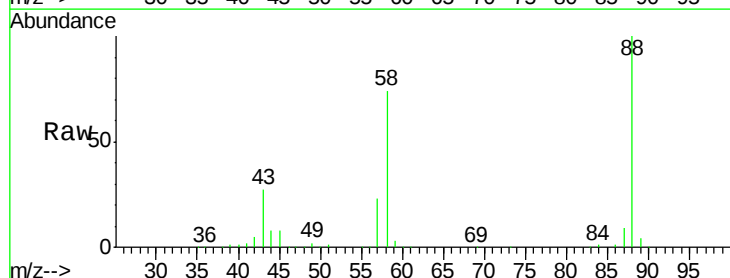
Tgt Ion: 88 Resp: 364462

Ion Ratio Lower Upper

88 100

58 75.9 57.8 86.8

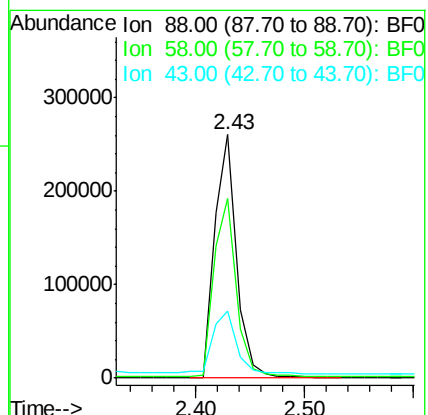
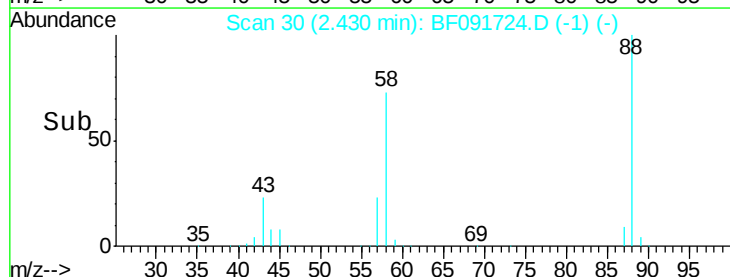
43 28.6 22.3 33.5

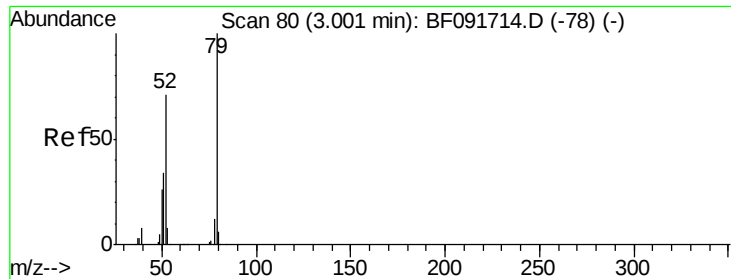


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.81 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.10 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

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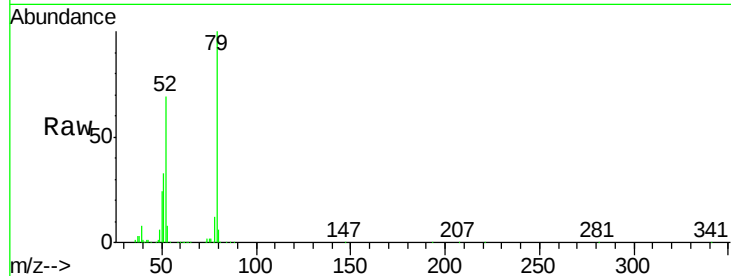
Tgt Ion: 79 Resp: 983147

Ion Ratio Lower Upper

79 100

52 68.7 57.1 85.7

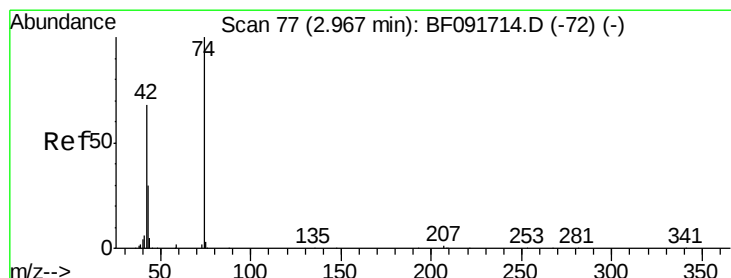
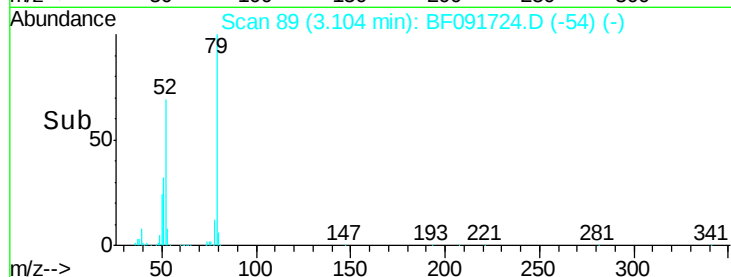
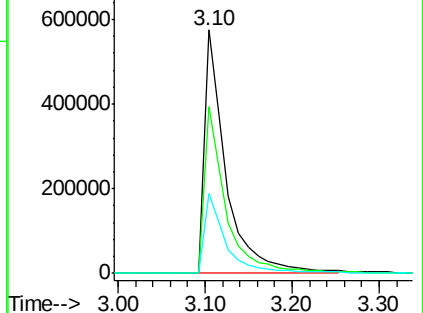
51 32.7 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.26 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.10 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

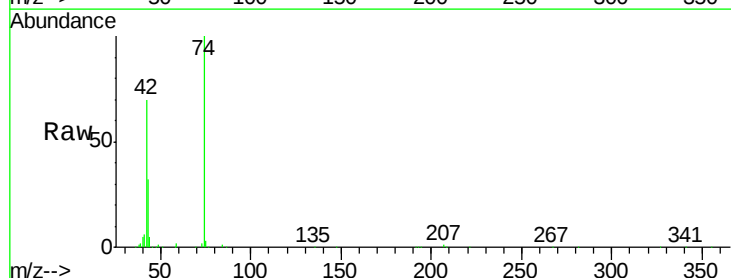
Tgt Ion: 42 Resp: 470201

Ion Ratio Lower Upper

42 100

74 143.4 117.0 175.4

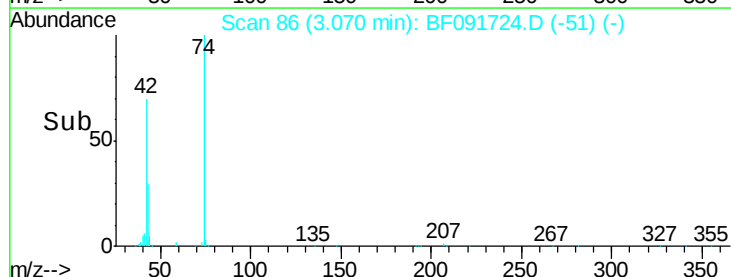
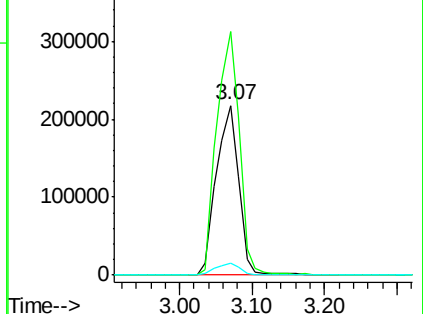
44 6.9 5.5 8.3

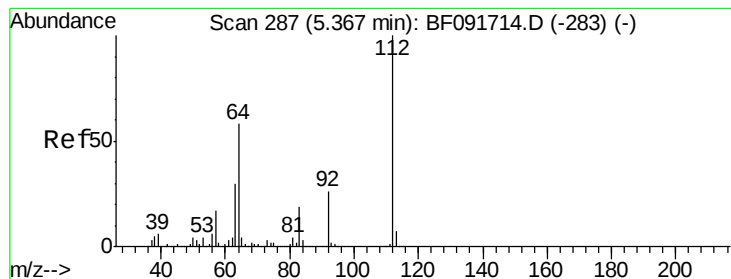


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 149.23 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

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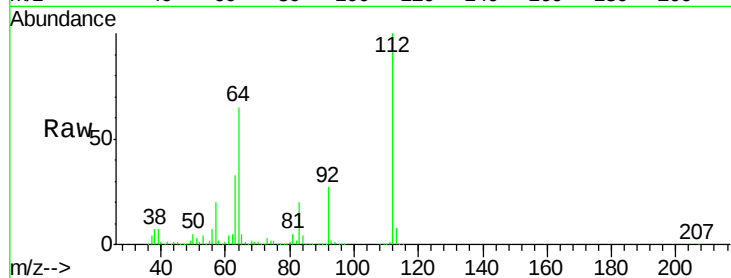
Tgt Ion:112 Resp: 2582221

Ion Ratio Lower Upper

112 100

64 65.3 46.1 69.1

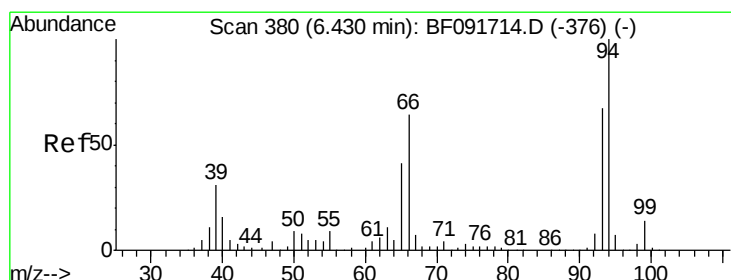
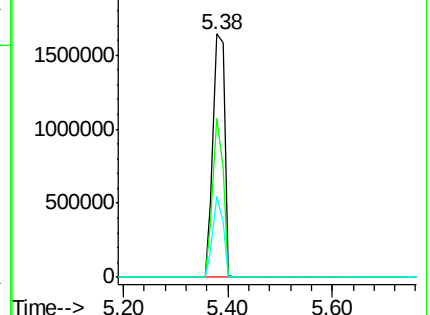
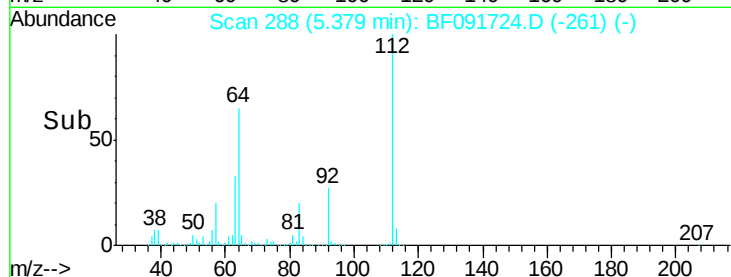
63 33.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.80 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

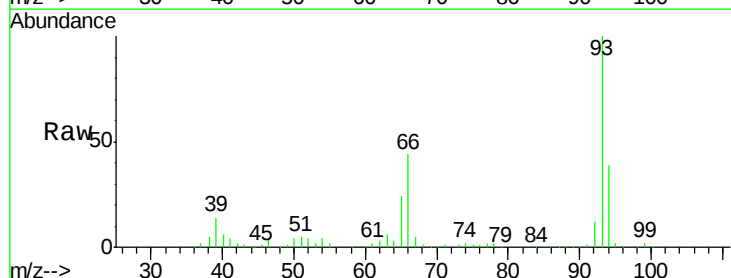
Tgt Ion: 93 Resp: 483446

Ion Ratio Lower Upper

93 100

66 44.3 76.2 114.2#

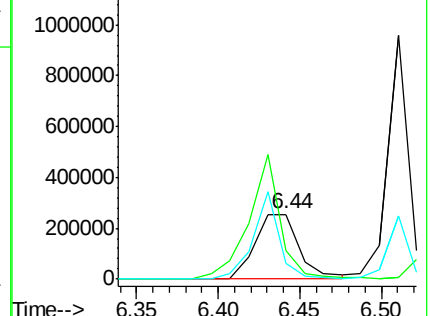
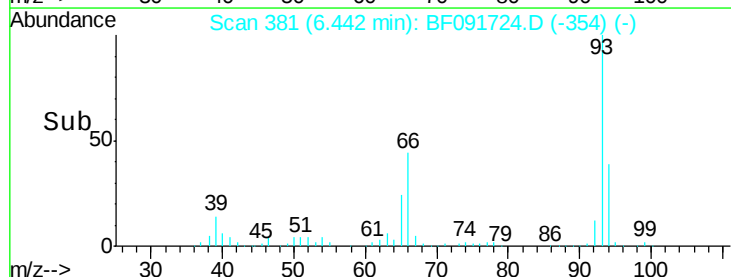
65 24.3 49.3 73.9#

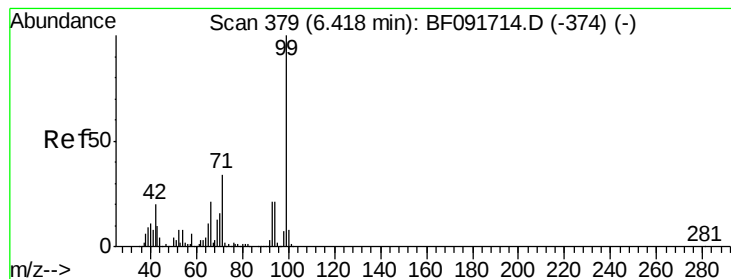


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.10 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

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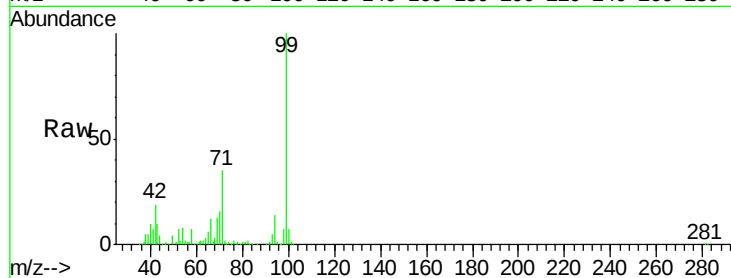
Tgt Ion: 99 Resp: 2682232

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

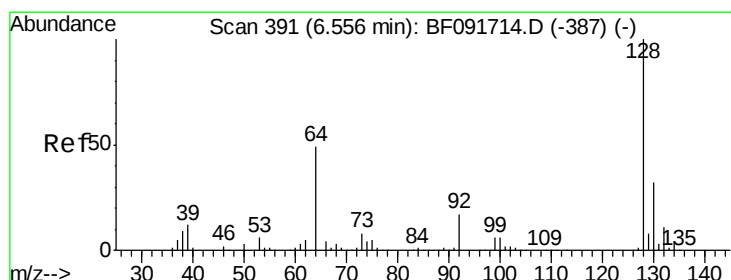
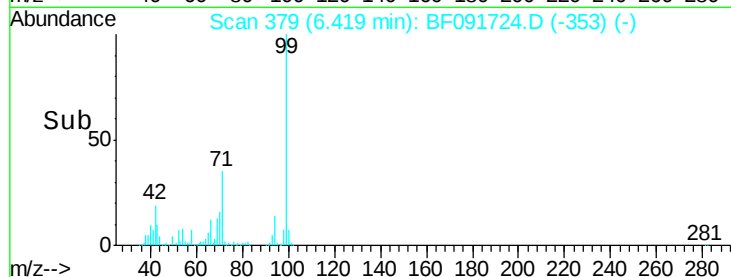
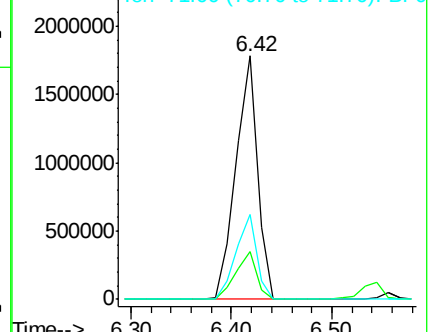
71 35.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.53 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

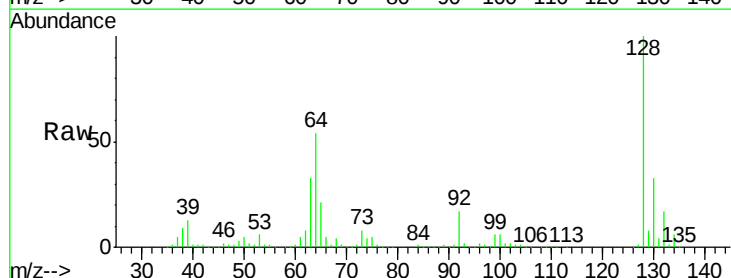
Tgt Ion: 128 Resp: 810000

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

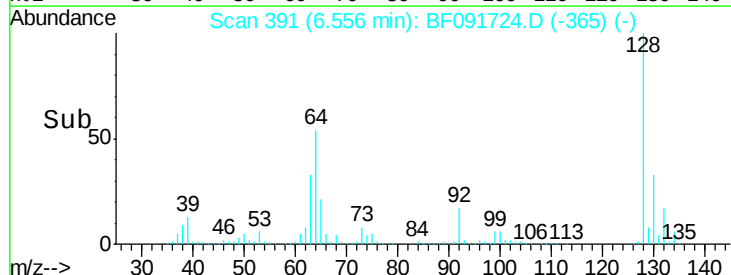
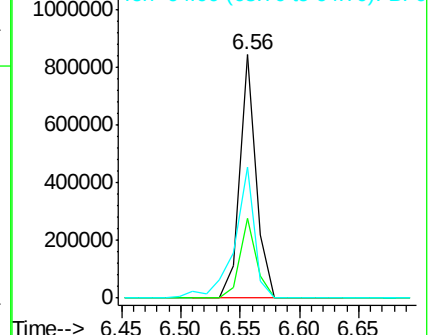
64 53.8 32.2 72.2

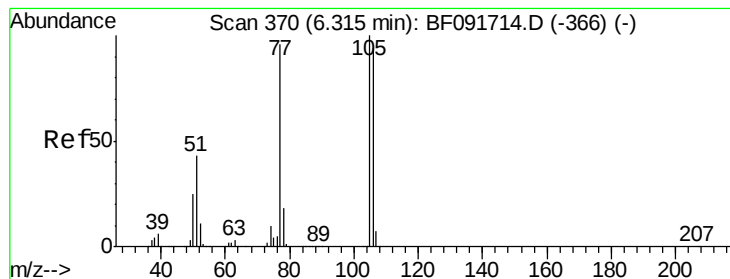


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.02 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

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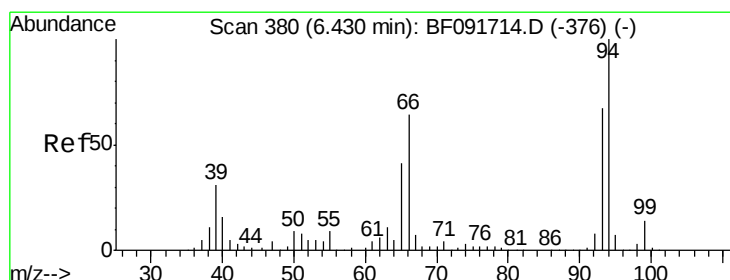
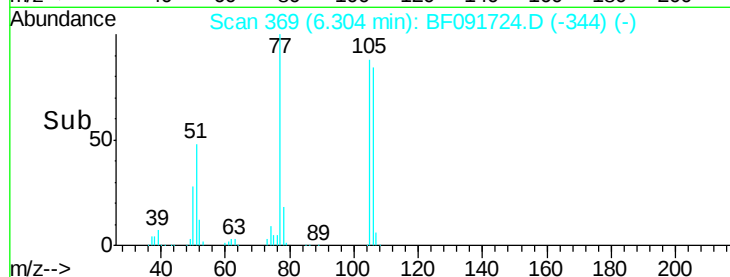
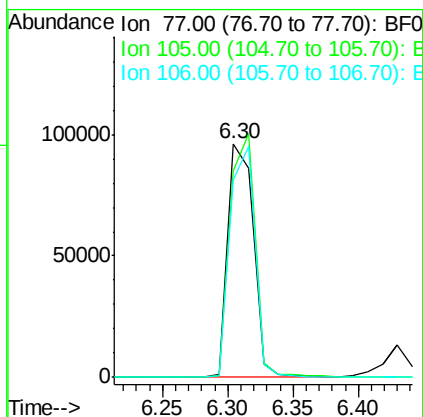
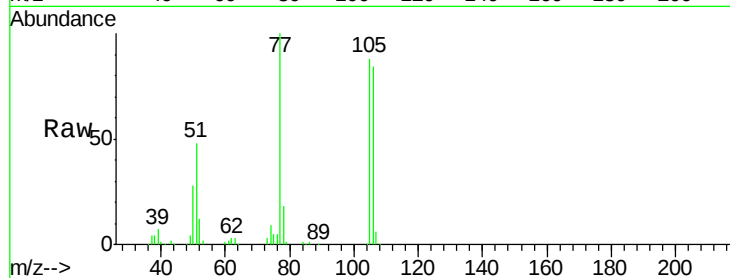
Tgt Ion: 77 Resp: 131613

Ion Ratio Lower Upper

77 100

105 88.3 83.9 123.9

106 84.3 77.6 117.6



#10

Phenol

Concen: 39.69 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

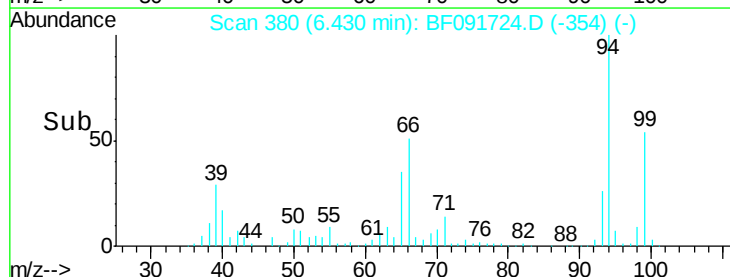
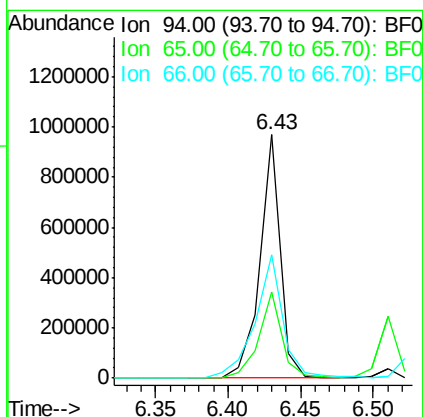
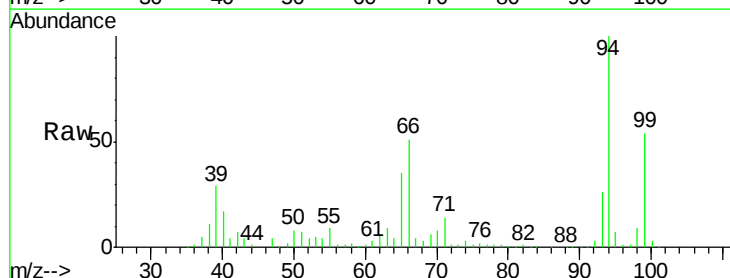
Tgt Ion: 94 Resp: 944137

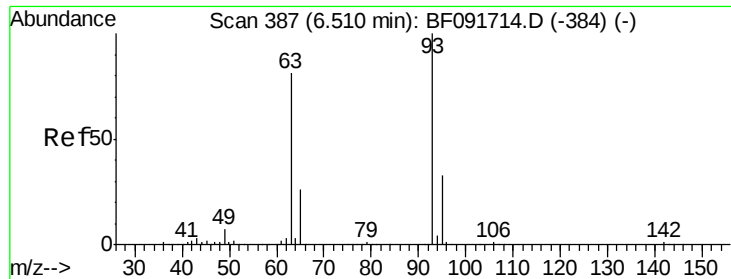
Ion Ratio Lower Upper

94 100

65 35.5 21.4 61.4

66 50.7 44.0 84.0

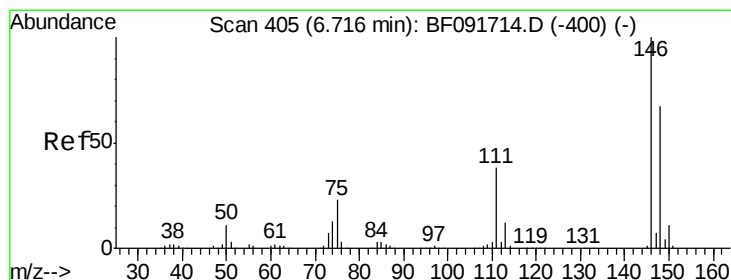
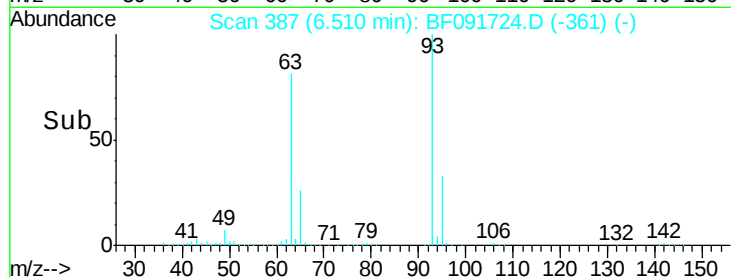
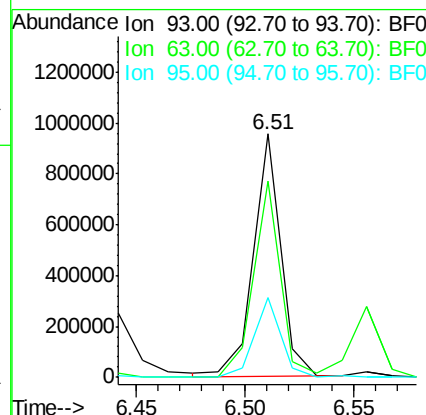
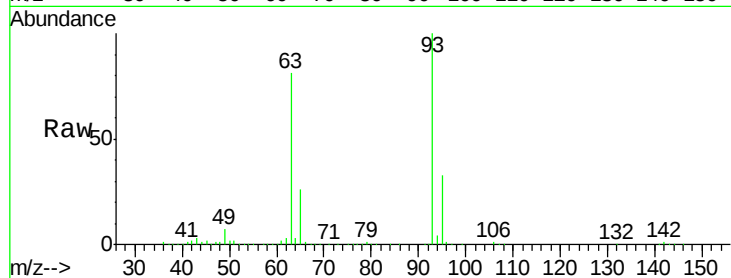




#11
 bis(2-Chloroethyl)ether
 Concen: 43.31 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

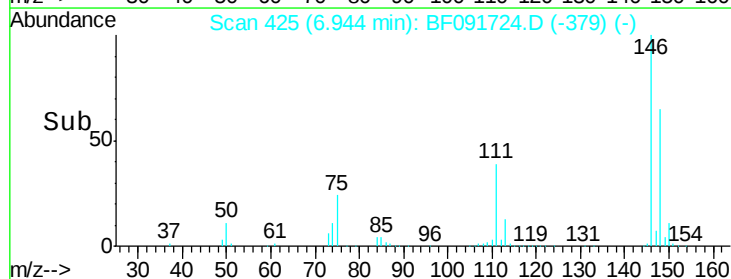
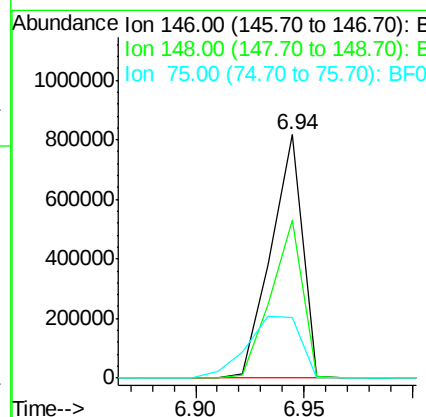
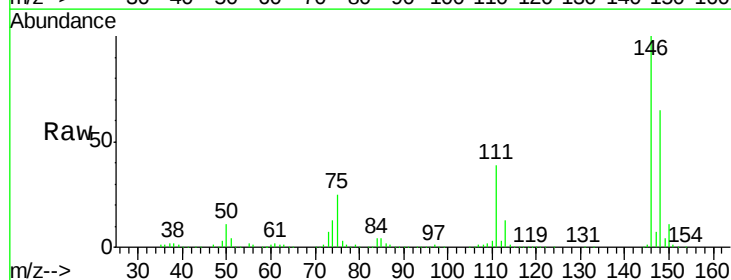
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

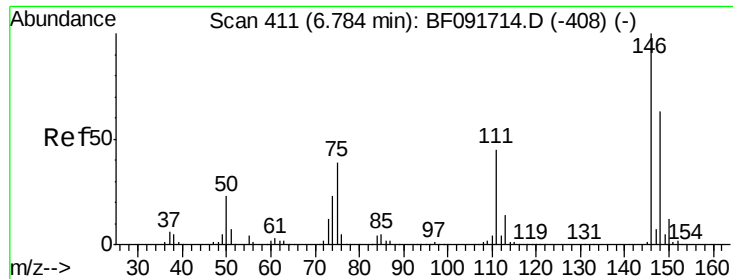
Tgt Ion: 93 Resp: 822831
 Ion Ratio Lower Upper
 93 100
 63 80.7 60.4 100.4
 95 32.7 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.23 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion: 146 Resp: 836703
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.4 80.0
 75 24.6 18.5 27.7

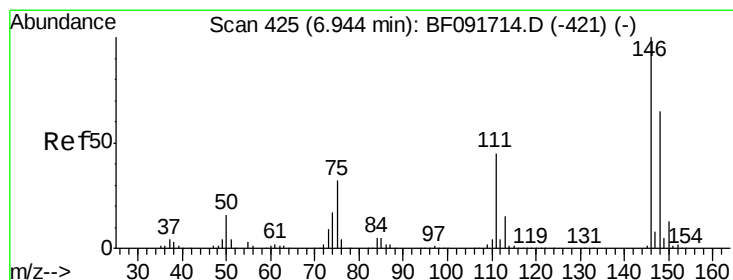
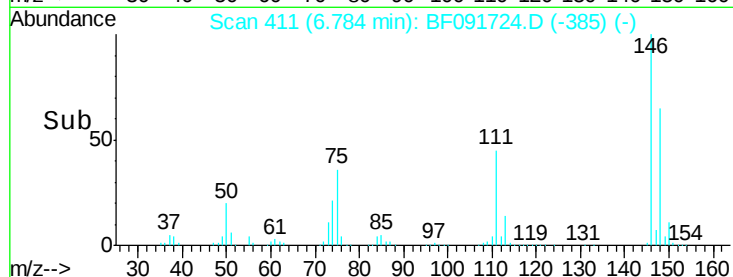
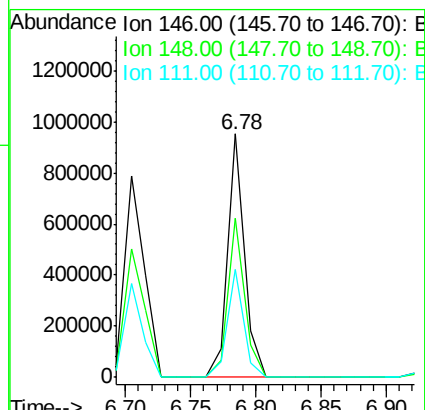
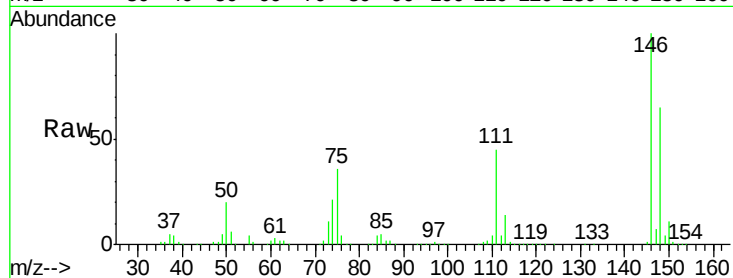




#13
 1,4-Dichlorobenzene
 Concen: 40.59 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

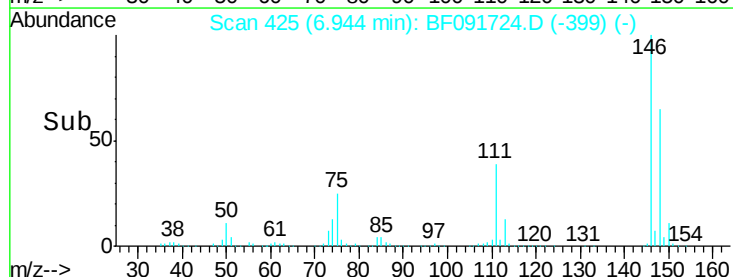
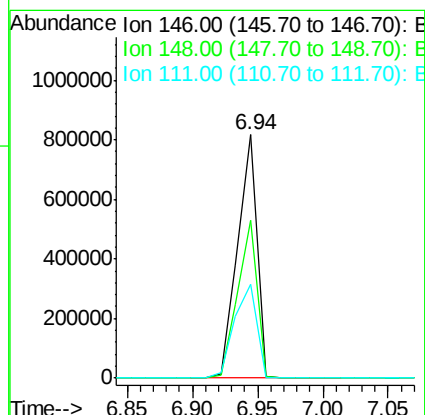
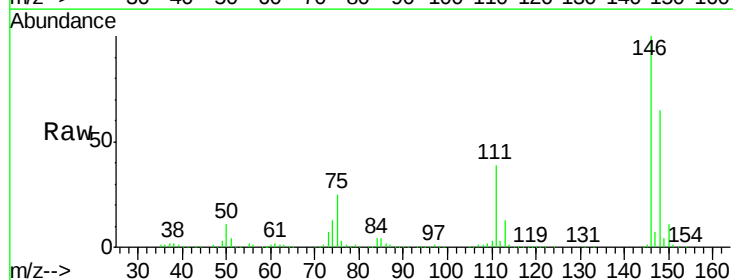
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

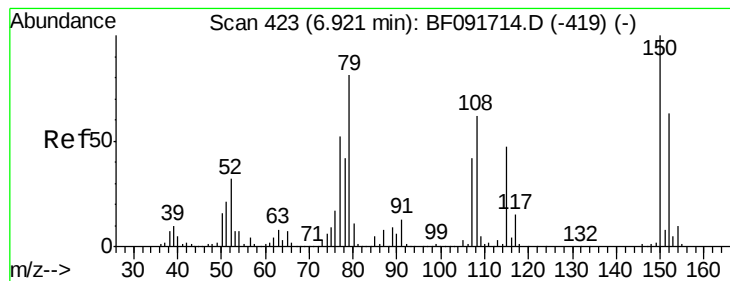
Tgt Ion:146 Resp: 859018
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.6 76.0
 111 44.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 45.16 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion:146 Resp: 837324
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 38.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 44.95 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

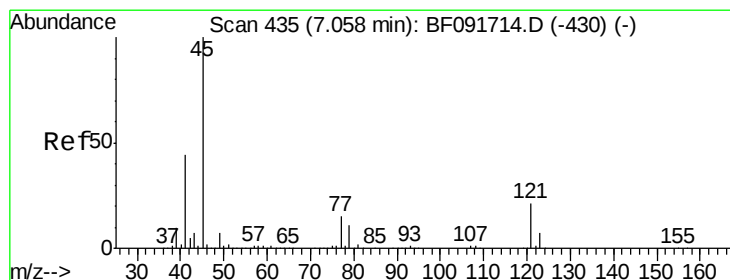
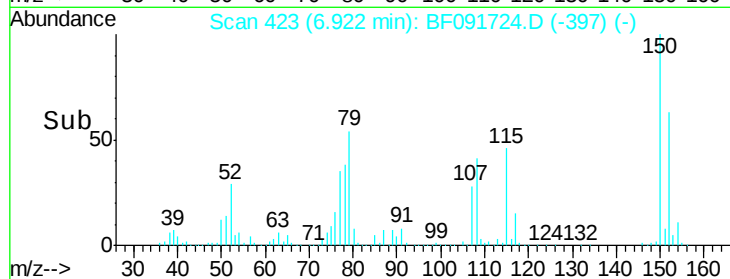
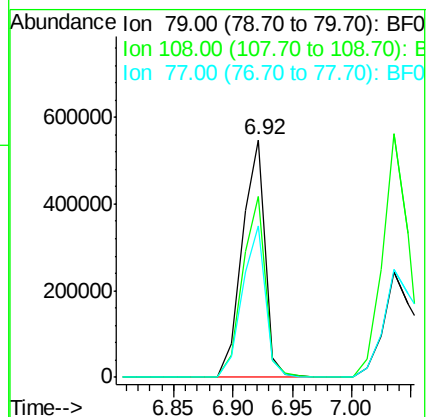
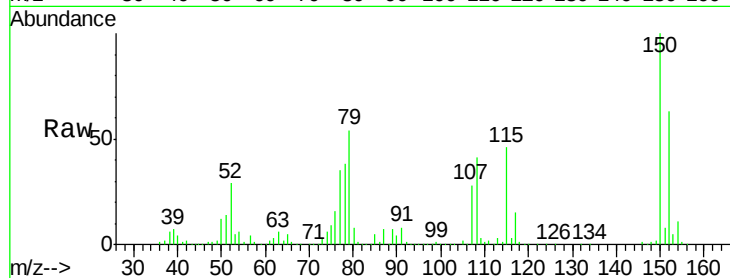
Tgt Ion: 79 Resp: 734445

Ion Ratio Lower Upper

79 100

108 76.0 61.4 92.0

77 63.7 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.74 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

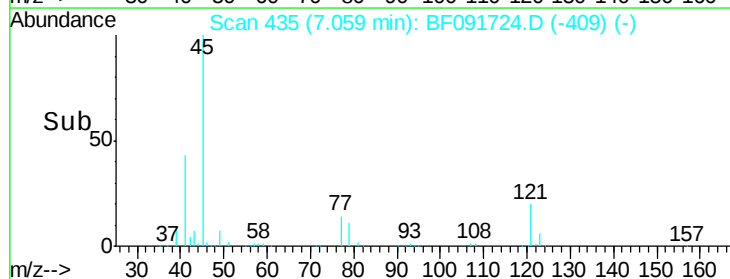
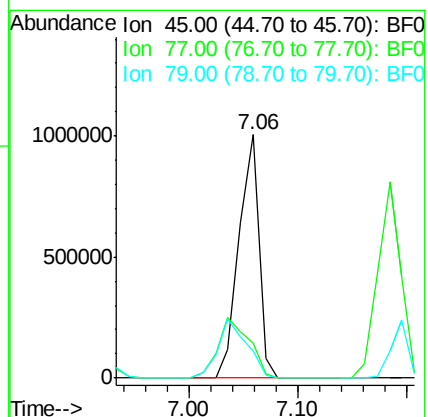
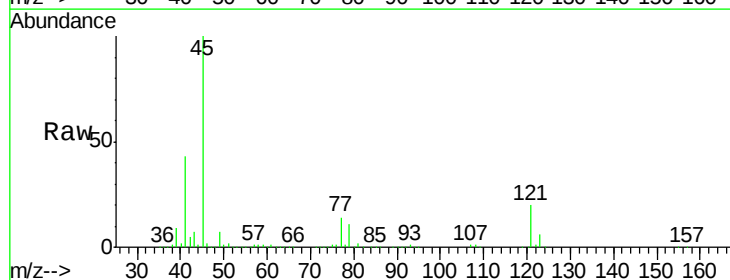
Tgt Ion: 45 Resp: 1269646

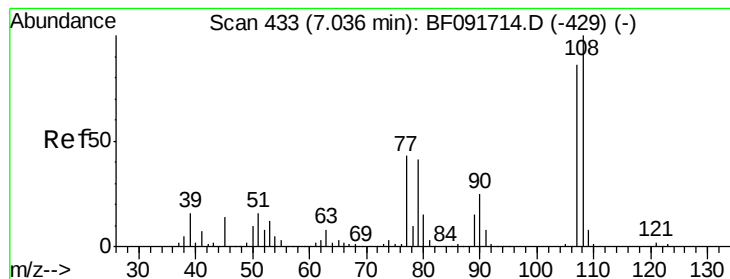
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.6

79 11.4 0.0 31.2





#17

2-Methylphenol

Concen: 45.53 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tgt Ion:107 Resp: 724738

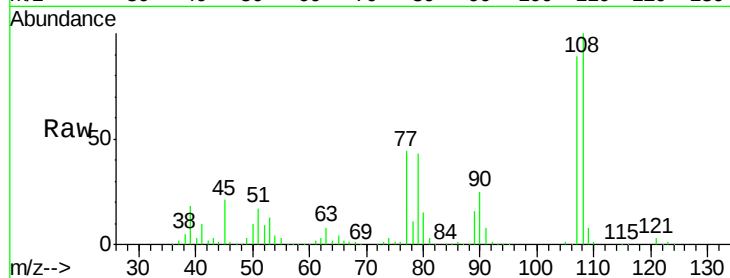
Ion Ratio Lower Upper

107 100

108 112.6 93.0 139.6

77 49.9 39.8 59.8

79 48.6 38.0 57.0

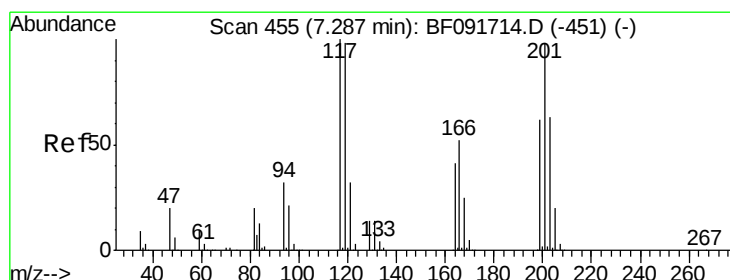
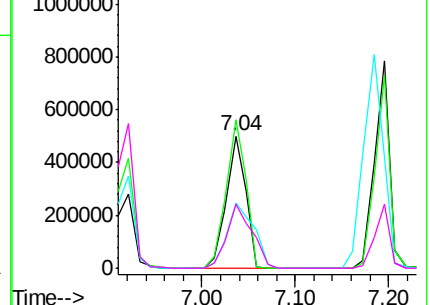
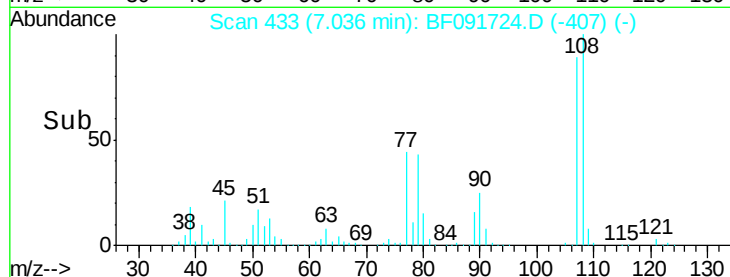


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.99 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

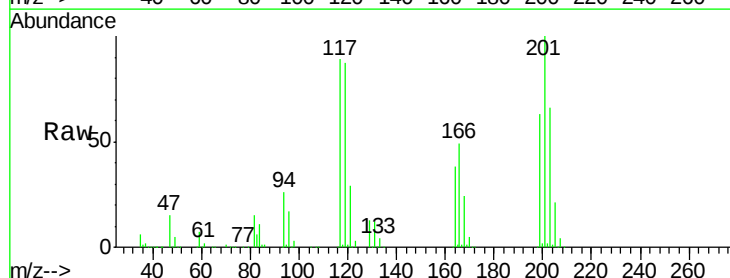
Tgt Ion:117 Resp: 345948

Ion Ratio Lower Upper

117 100

119 98.2 78.1 117.1

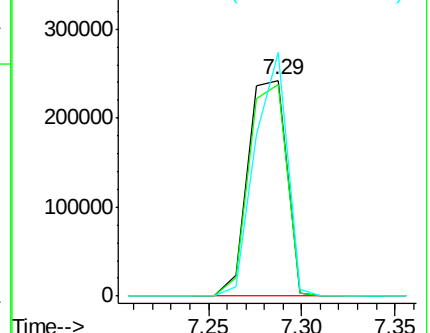
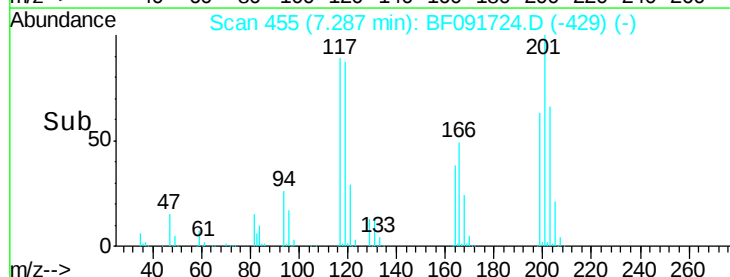
201 112.9 78.6 117.8

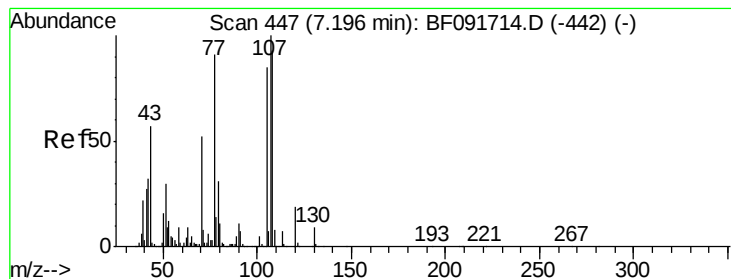


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.68 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tgt Ion: 70 Resp: 613111

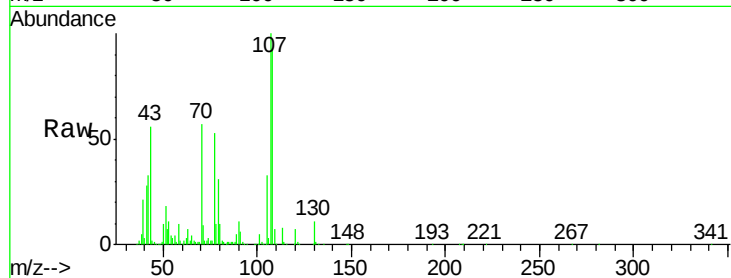
Ion Ratio Lower Upper

70 100

42 58.2 49.4 74.0

101 9.1 7.4 11.2

130 19.0 14.2 21.4

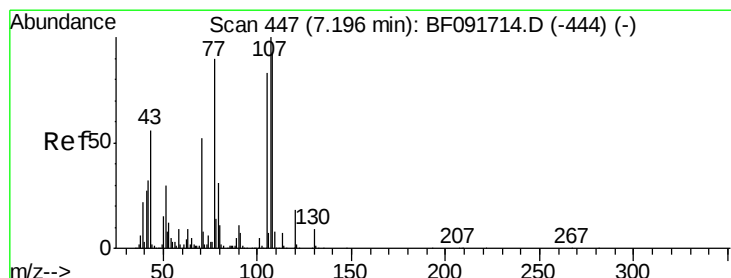
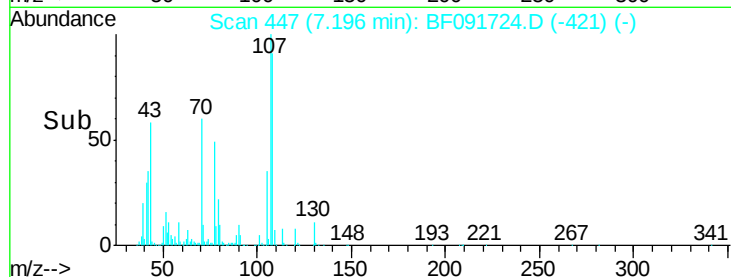
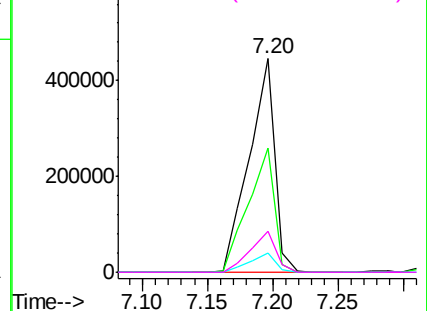


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 49.81 ng

RT: 7.20 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion: 107 Resp: 884429

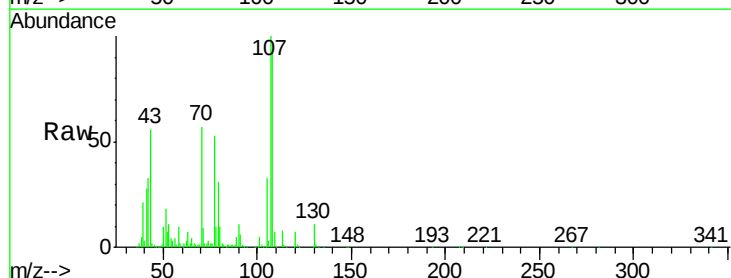
Ion Ratio Lower Upper

107 100

108 92.9 73.0 113.0

77 53.4 71.3 111.3#

79 30.7 11.1 51.1

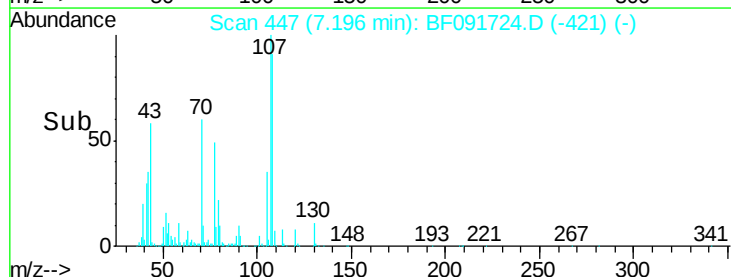
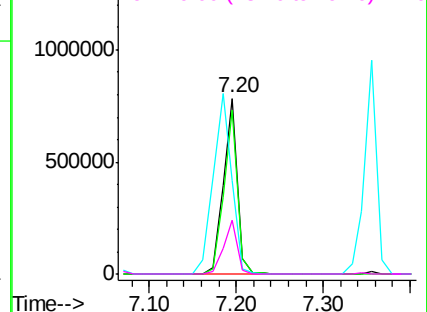


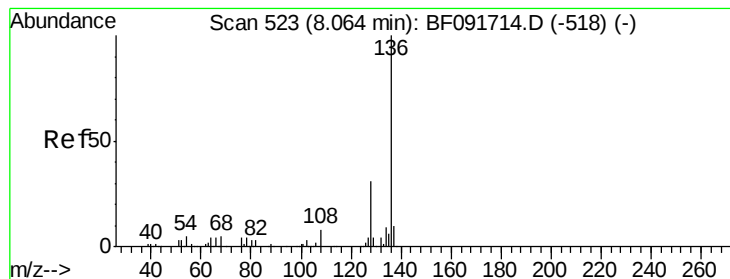
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tgt Ion:136 Resp: 1183583

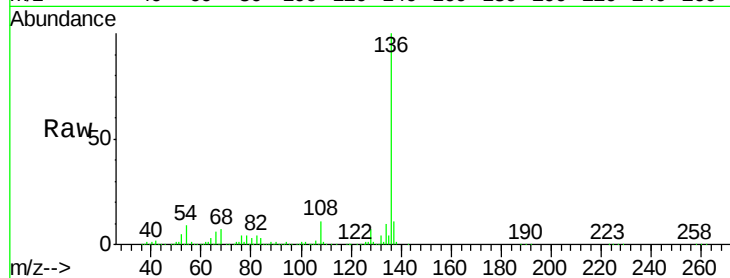
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 8.8 4.5 6.7#

68 6.9 3.6 5.4#

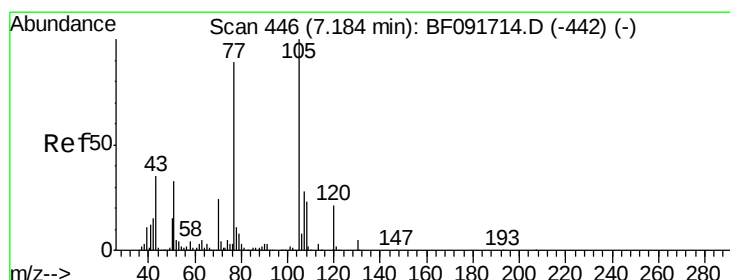
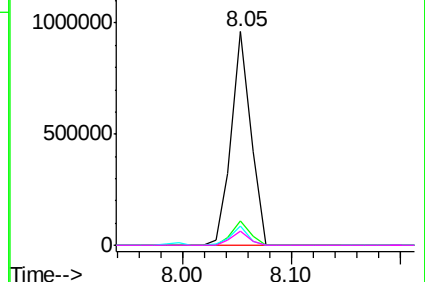
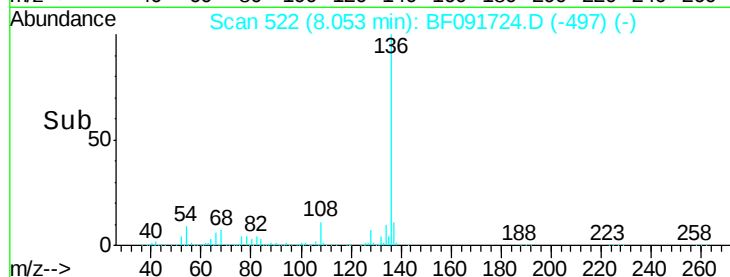


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.25 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:105 Resp: 1207351

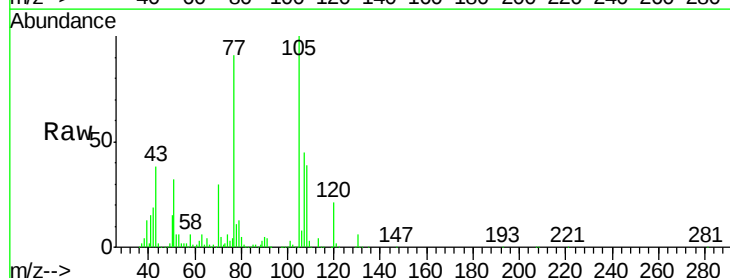
Ion Ratio Lower Upper

105 100

71 5.0 3.2 4.8#

51 32.3 26.2 39.4

120 21.2 16.6 24.8

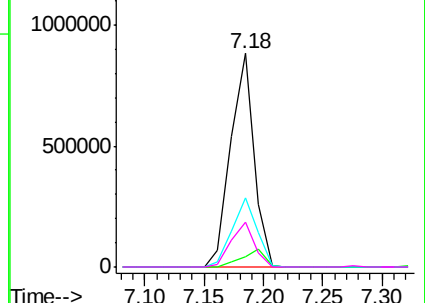
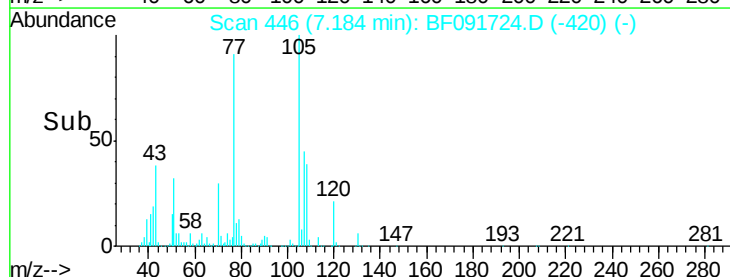


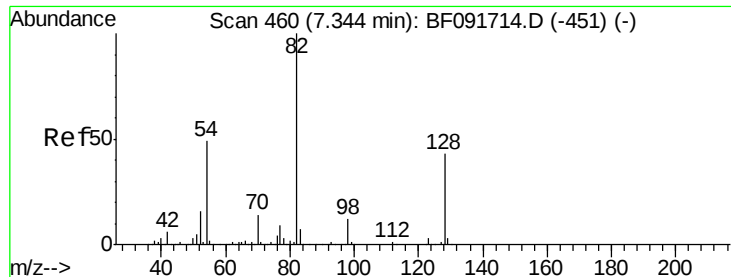
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

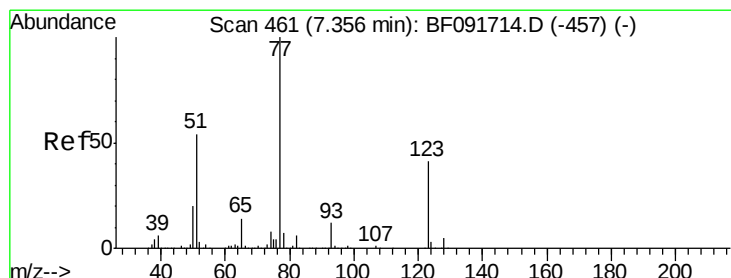
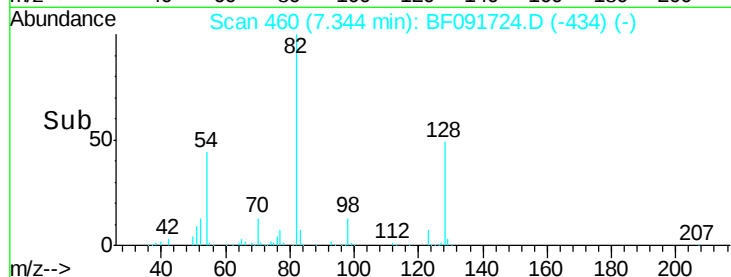
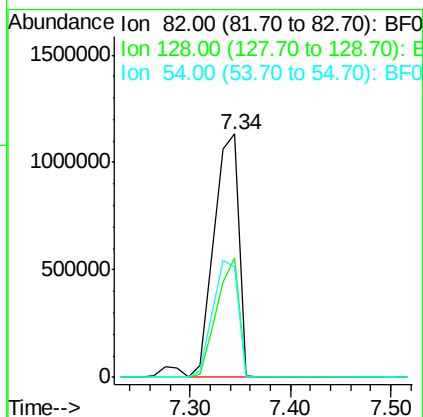
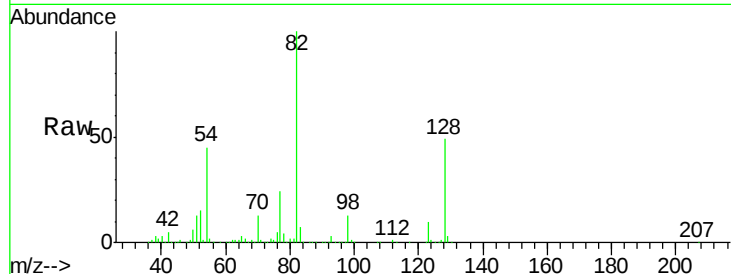




#23
 Nitrobenzene-d5
 Concen: 94.00 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

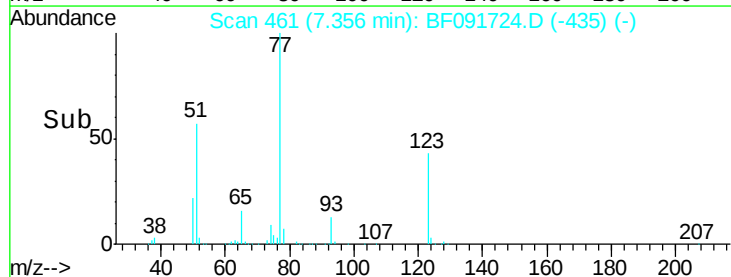
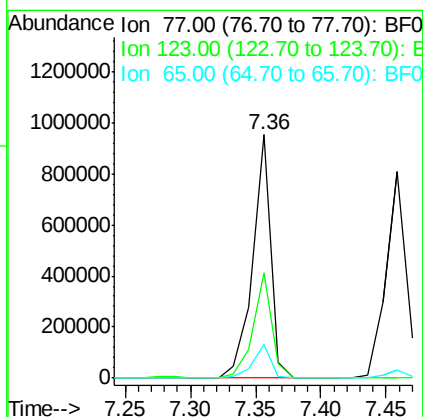
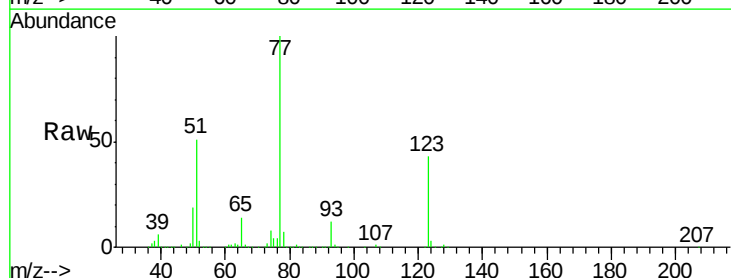
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

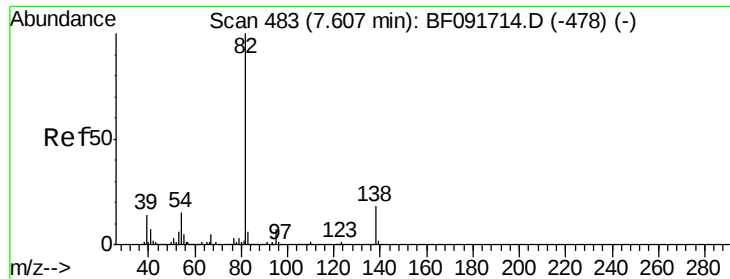
Tgt Ion: 82 Resp: 1929175
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.6 52.0
 54 45.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 41.76 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion: 77 Resp: 920387
 Ion Ratio Lower Upper
 77 100
 123 43.3 33.0 49.4
 65 13.8 11.2 16.8





#25

Isophorone

Concen: 46.49 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

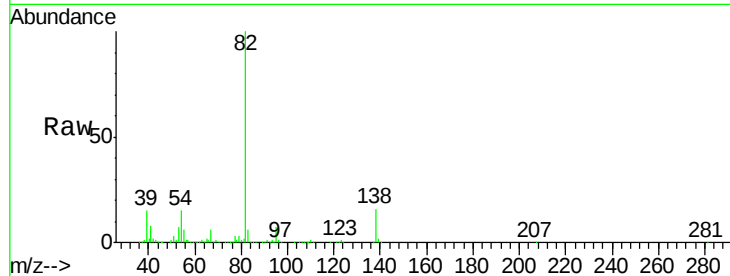
Tgt Ion: 82 Resp: 1820633

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

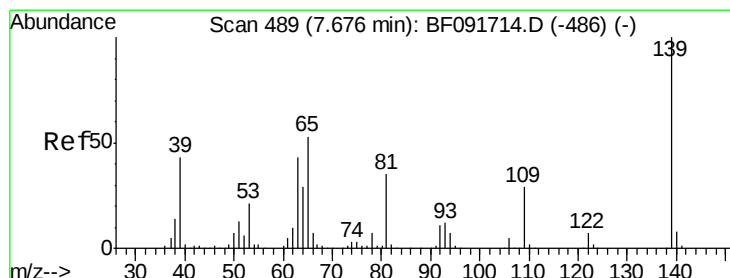
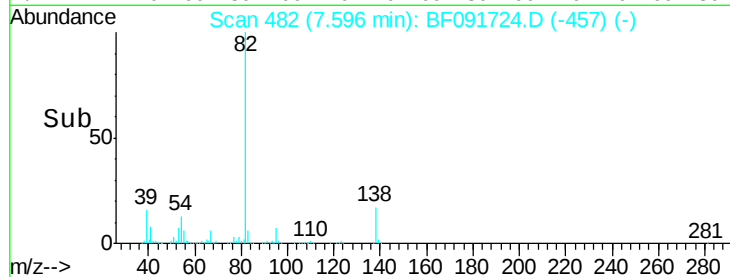
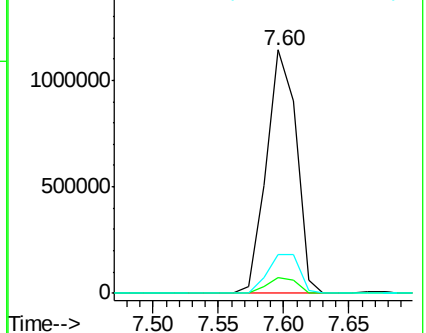
138 16.1 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.61 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

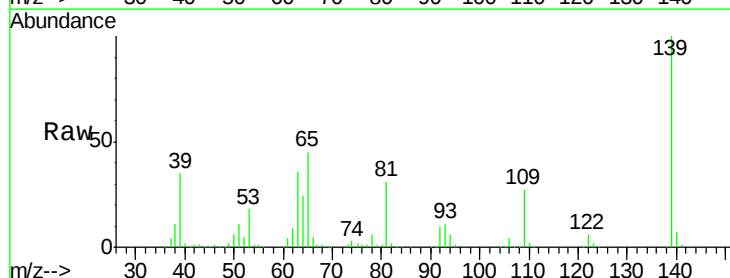
Tgt Ion: 139 Resp: 516786

Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

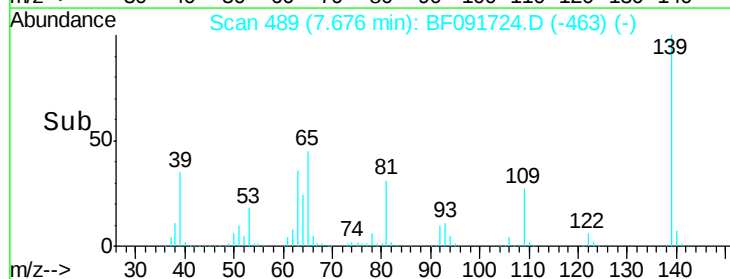
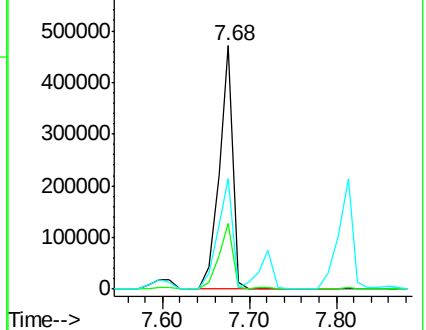
65 45.4 42.7 64.1

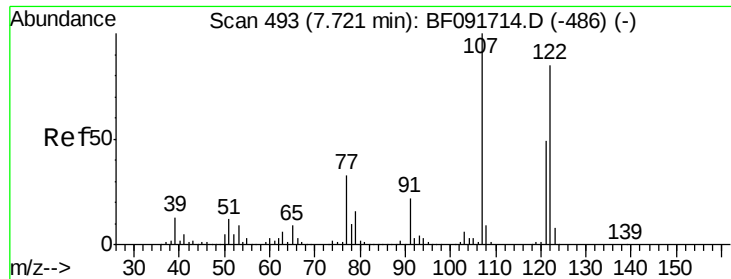


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

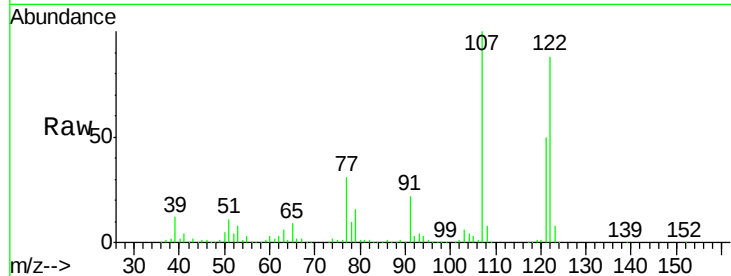




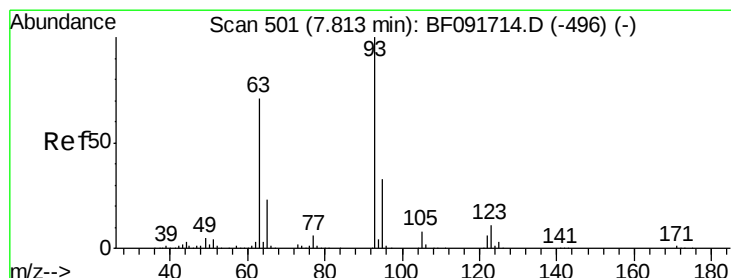
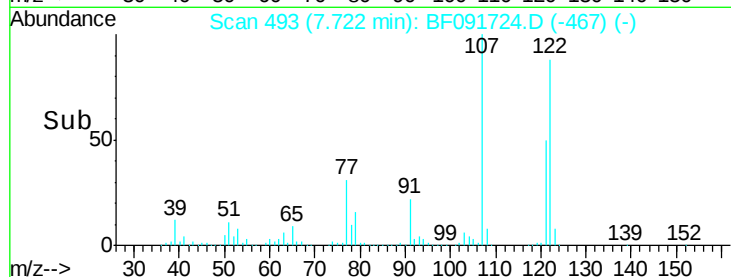
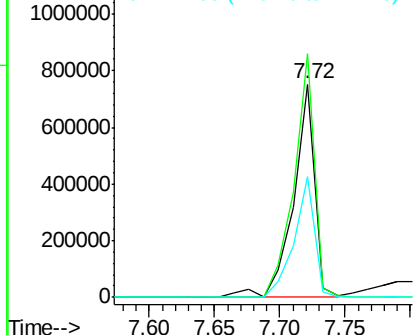
#27
2,4-Dimethylphenol
Concen: 49.41 ng
RT: 7.72 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tgt Ion: 122 Resp: 856965
Ion Ratio Lower Upper
122 100
107 114.2 94.1 141.1
121 56.9 46.0 69.0

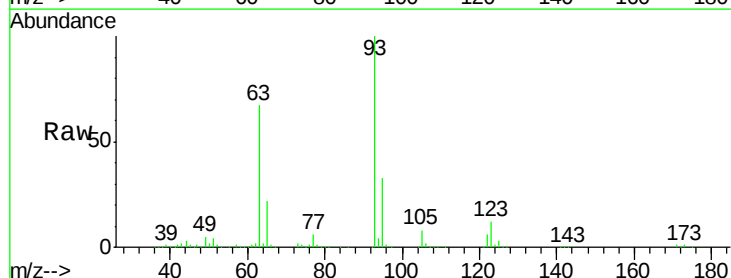


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

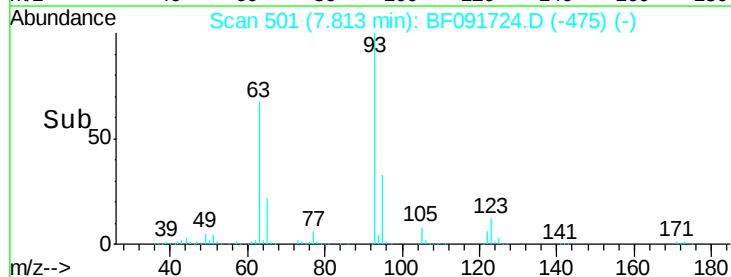
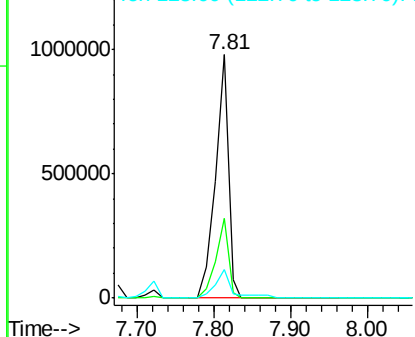


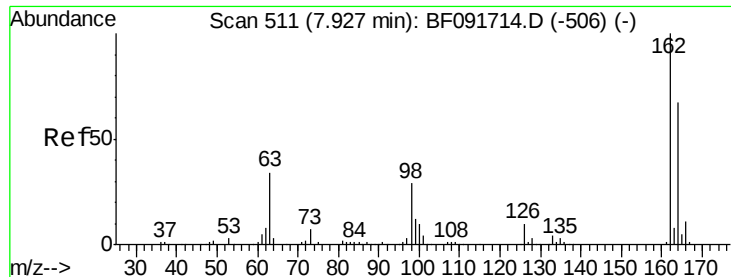
#28
bis(2-Chloroethoxy)methane
Concen: 49.51 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion: 93 Resp: 1134312
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.7 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

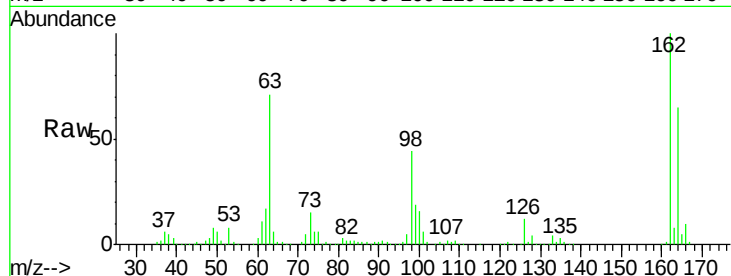




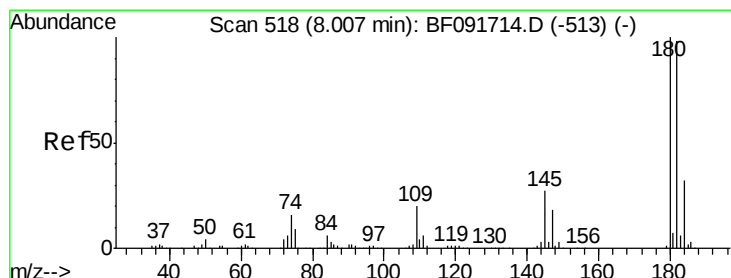
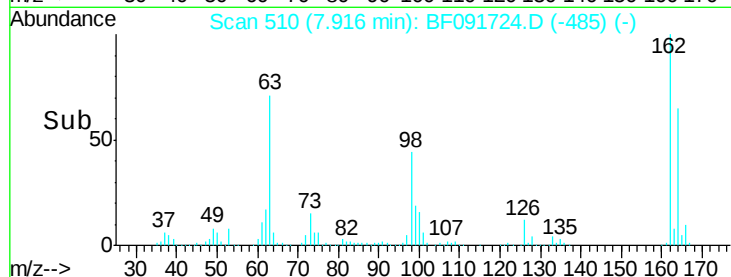
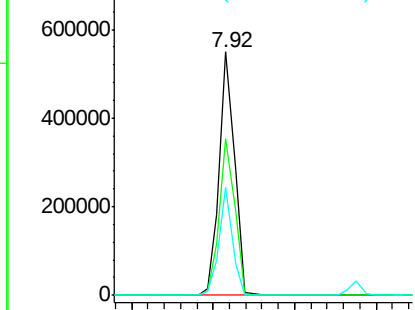
#29
2,4-Dichlorophenol
Concen: 44.71 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tgt Ion:162 Resp: 715243
Ion Ratio Lower Upper
162 100
164 64.5 46.8 86.8
98 44.3 9.1 49.1

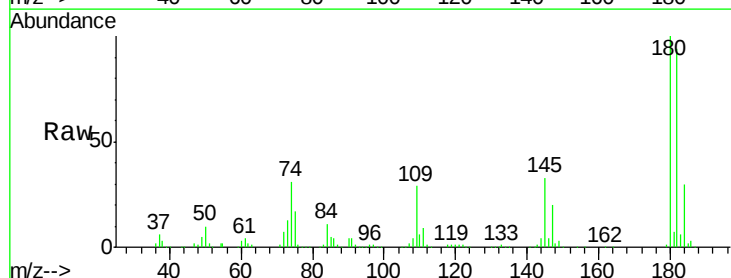


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

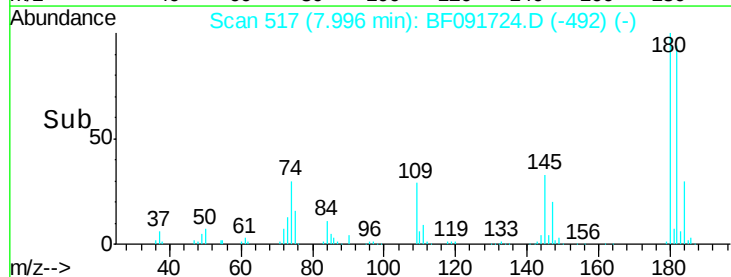
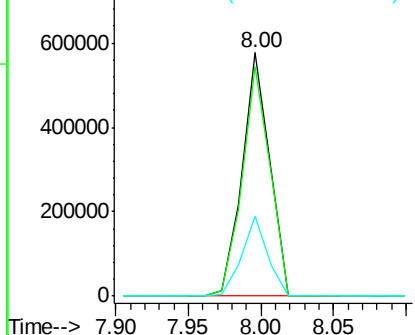


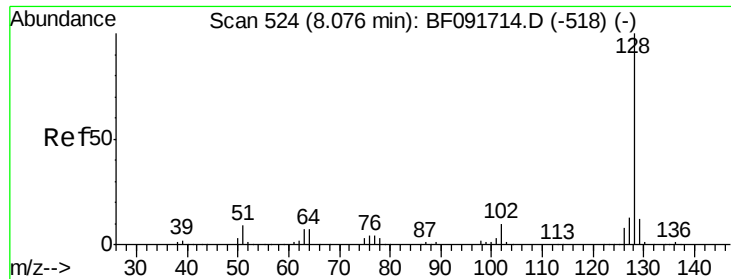
#30
1,2,4-Trichlorobenzene
Concen: 43.44 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion:180 Resp: 753066
Ion Ratio Lower Upper
180 100
182 94.1 78.2 117.4
145 32.6 21.6 32.4#



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

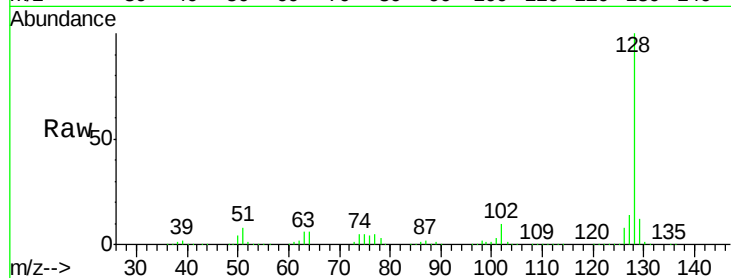




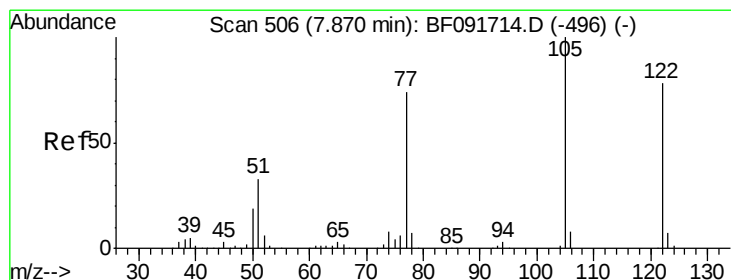
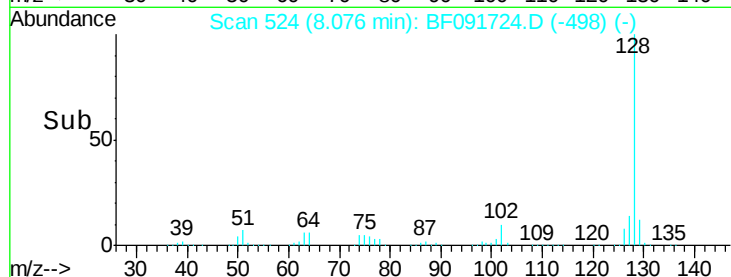
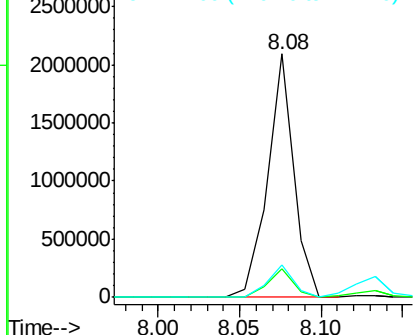
#31
Naphthalene
Concen: 41.37 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampled :
PB95409BS

Tgt Ion:128 Resp: 2339119
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 13.6 10.8 16.2

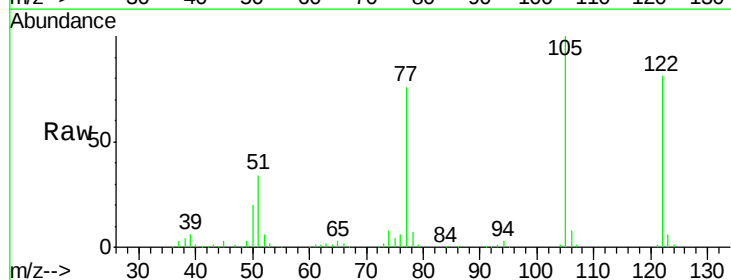


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

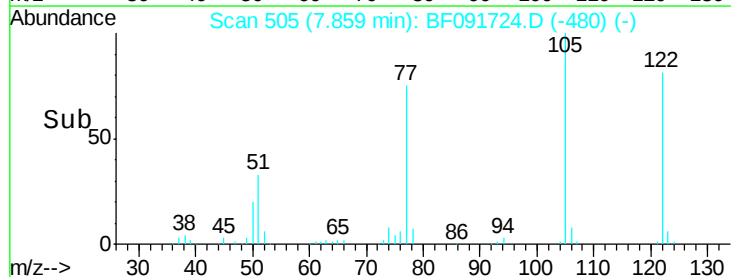
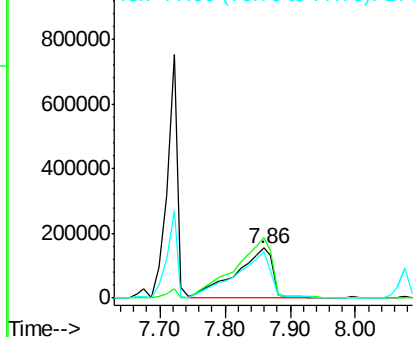


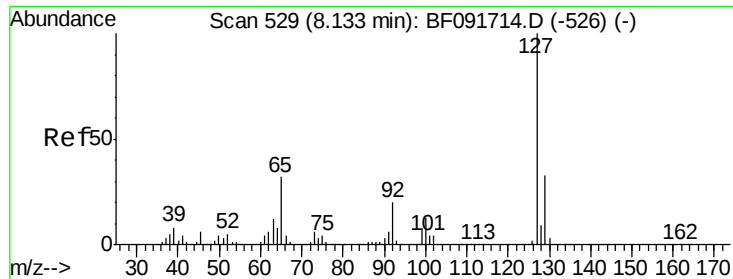
#32
Benzoic acid
Concen: 49.11 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion:122 Resp: 607055
Ion Ratio Lower Upper
122 100
105 122.7 107.2 147.2
77 92.9 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

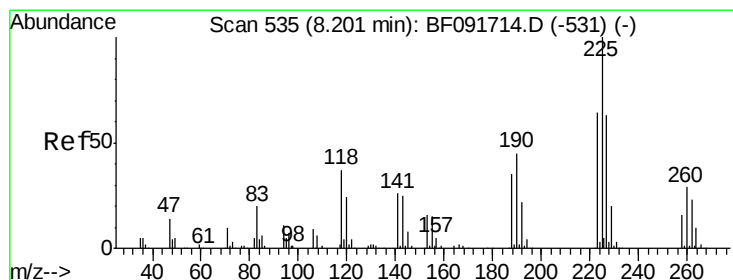
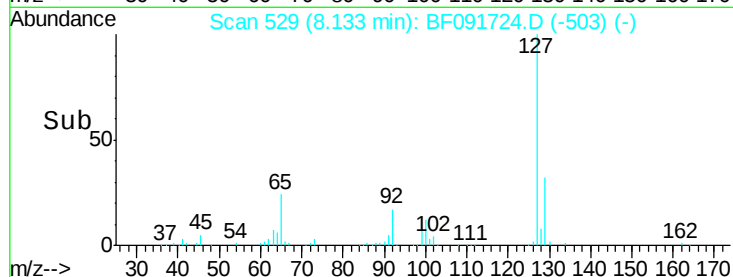
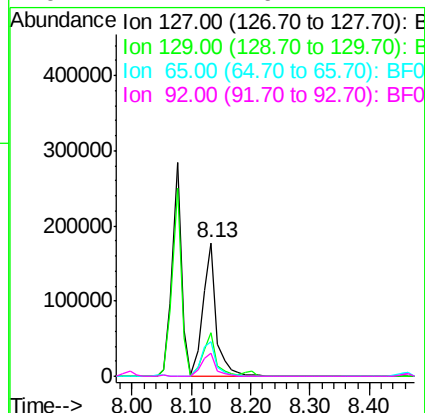
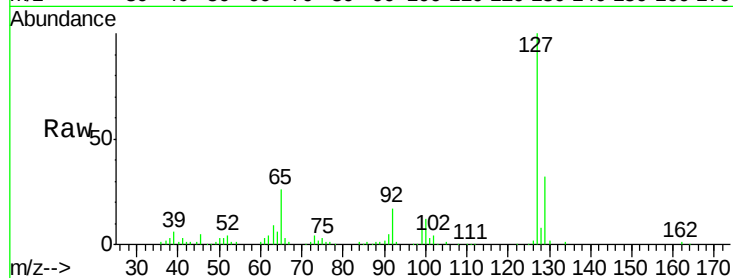




#33
4-Chloroaniline
Concen: 11.82 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

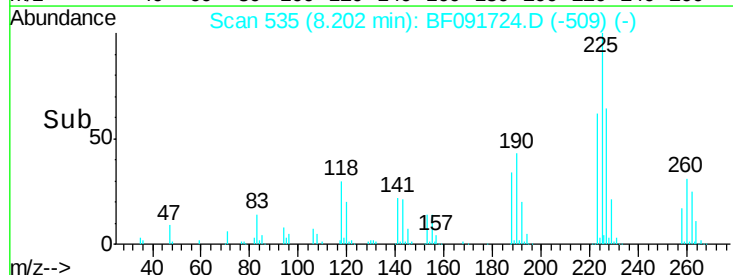
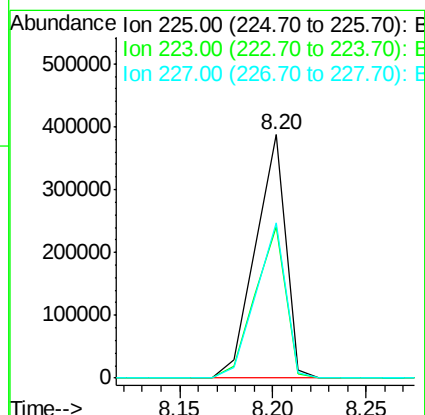
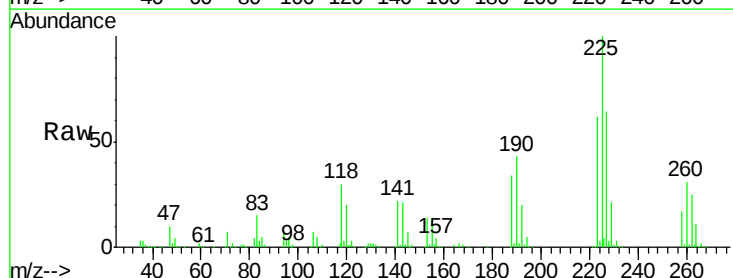
Instrument :
BNA_F
ClientSampleId :
PB95409BS

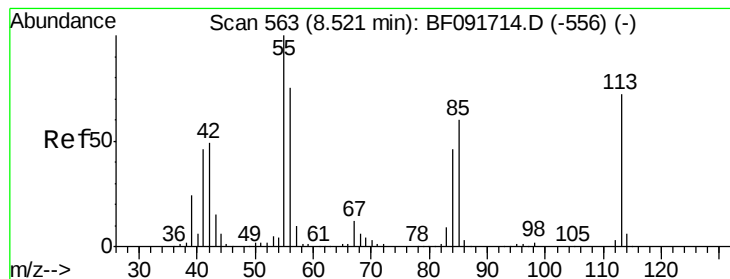
Tgt Ion:	127	Resp:	281590
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	26.0	25.8	38.8
92	17.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.39 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion:	225	Resp:	432690
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	63.6	50.6	76.0





#35

Caprolactam

Concen: 33.84 ng

RT: 8.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

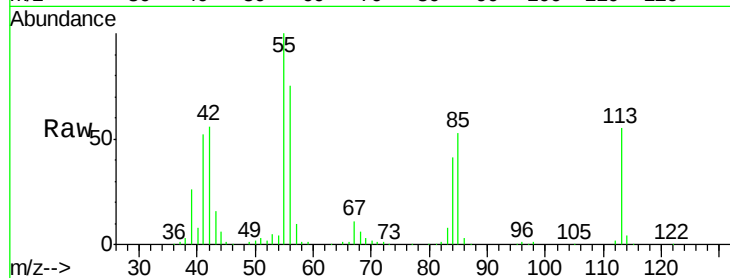
Tgt Ion:113 Resp: 174196

Ion Ratio Lower Upper

113 100

55 180.9 119.2 159.2#

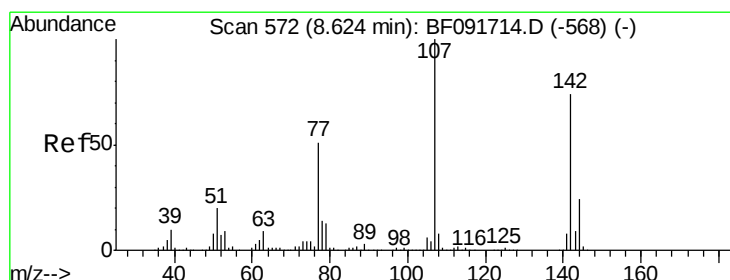
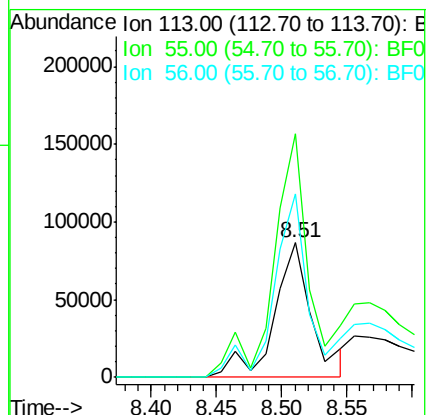
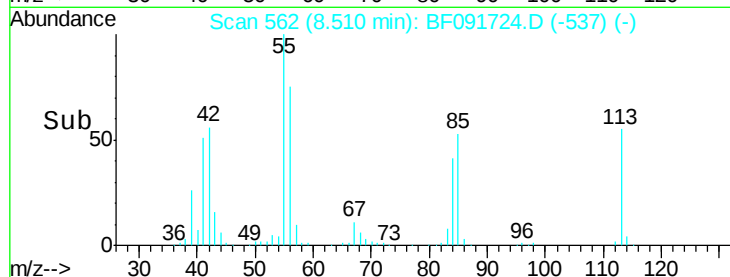
56 135.9 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.34 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

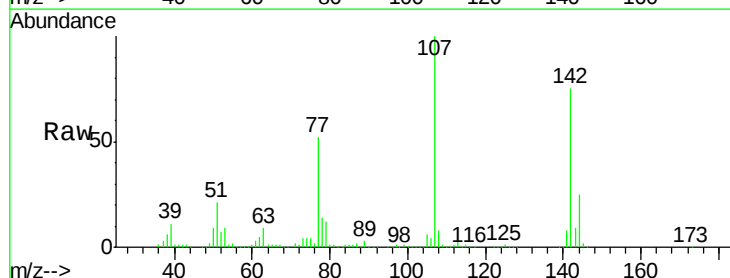
Tgt Ion:107 Resp: 835454

Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

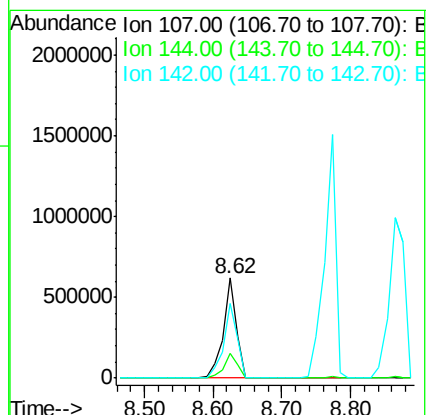
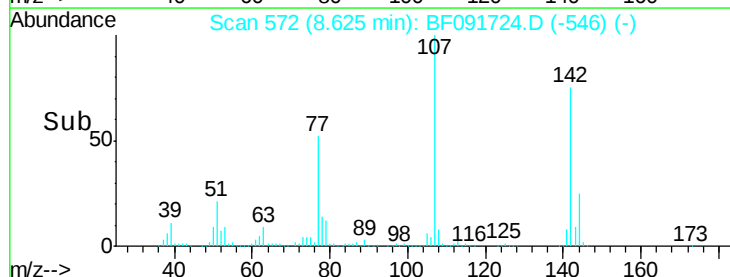
142 74.5 59.0 88.6

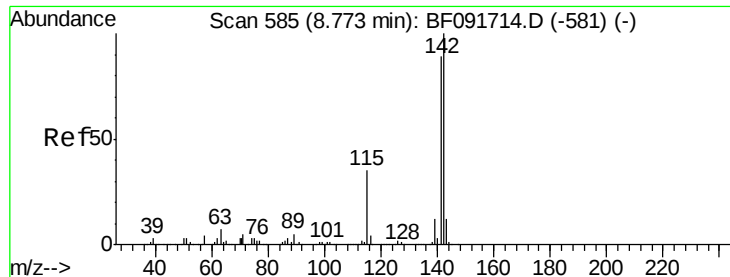


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

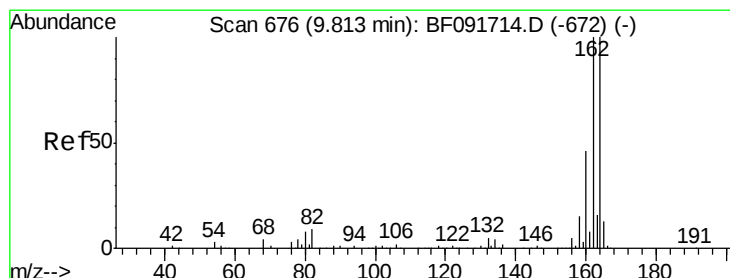
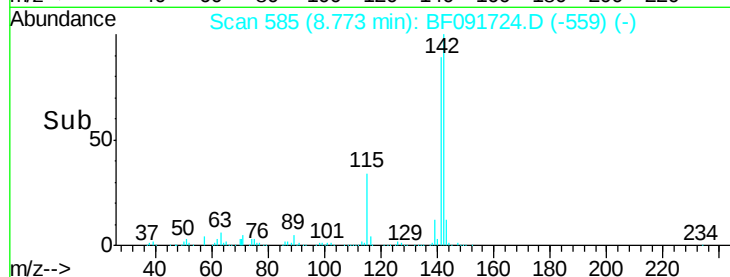
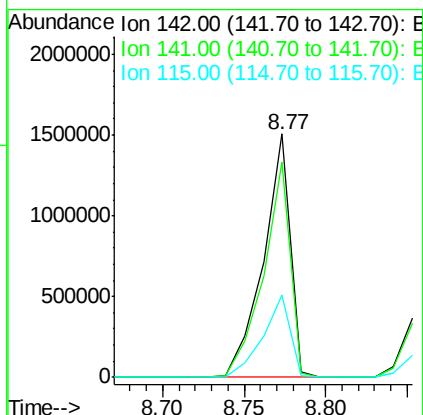
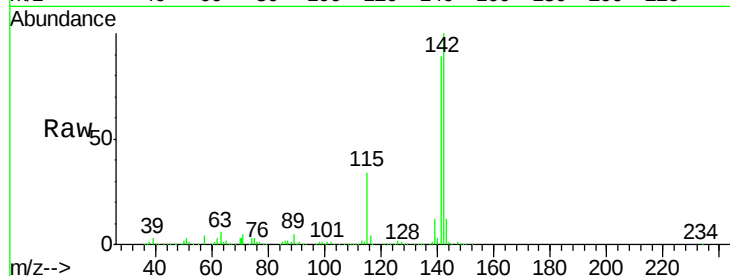




#37
2-Methylnaphthalene
Concen: 48.58 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

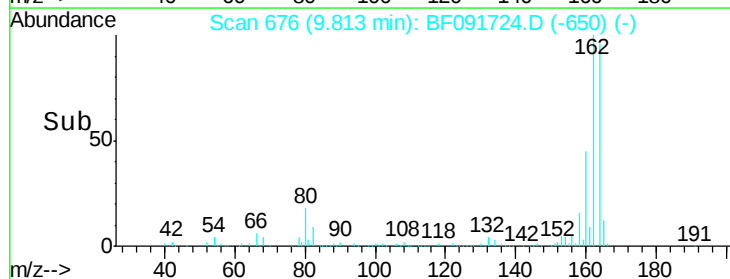
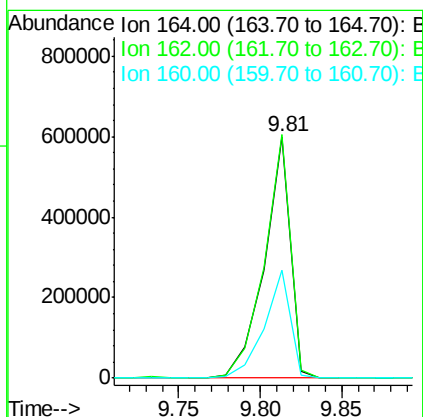
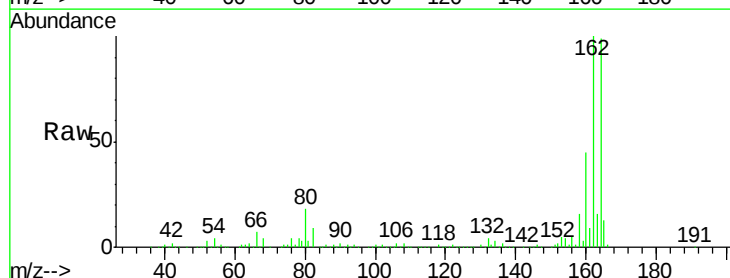
Instrument :
BNA_F
ClientSampleId :
PB95409BS

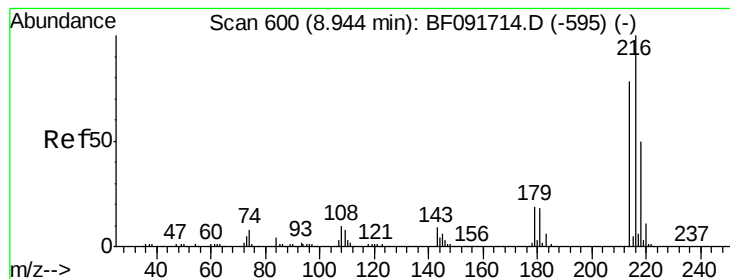
Tgt Ion:142 Resp: 1731897
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 33.8 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion:164 Resp: 664850
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 44.9 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.23 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tgt Ion:216 Resp: 666592

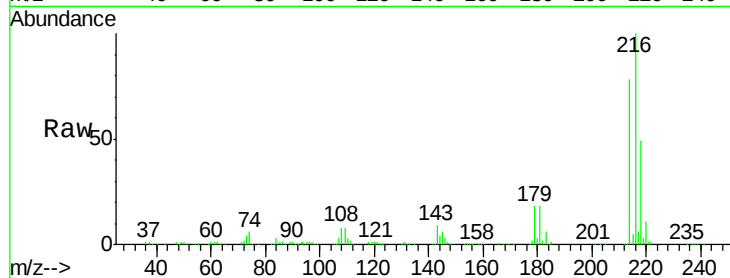
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 22.1 17.4 26.2

108 22.7 15.6 23.4

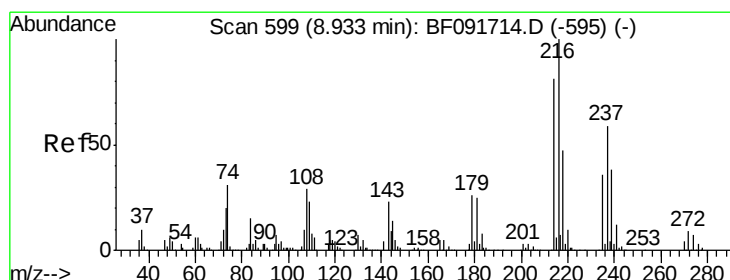
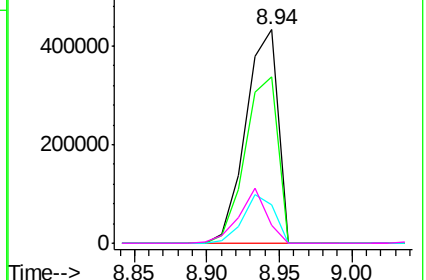
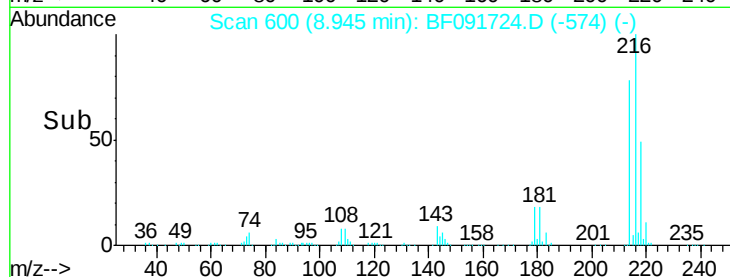


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 109.89 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

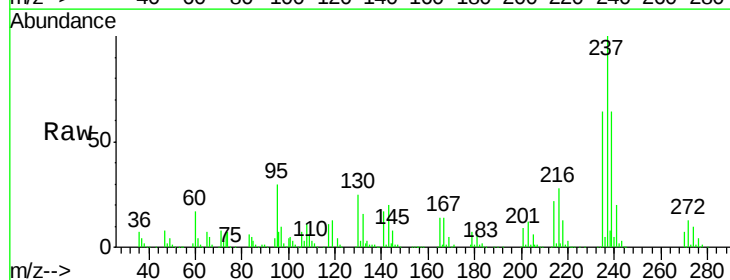
Tgt Ion:237 Resp: 771838

Ion Ratio Lower Upper

237 100

235 63.8 41.2 81.2

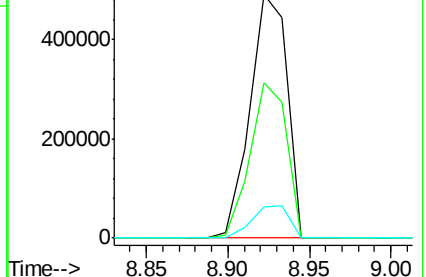
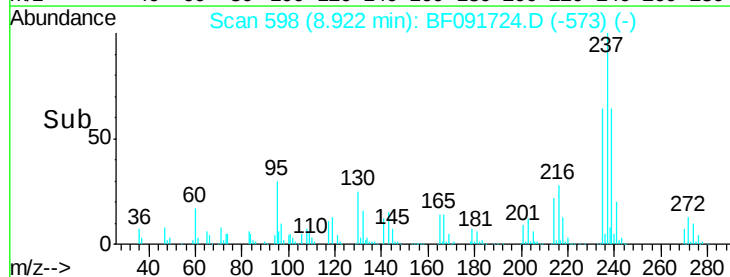
272 12.7 0.0 35.4

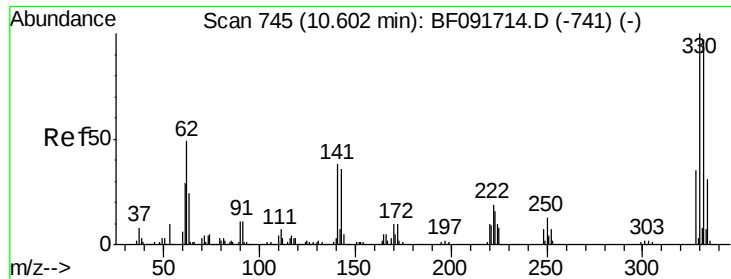


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

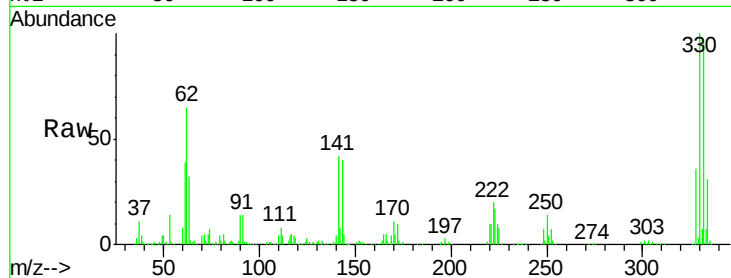




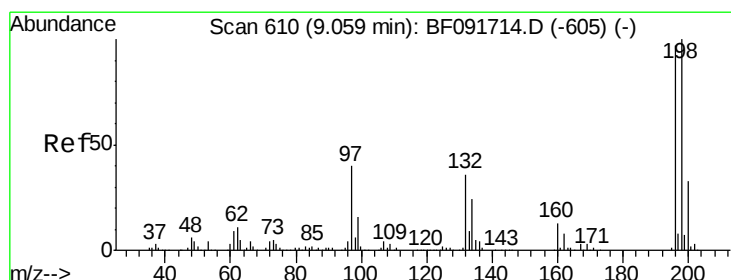
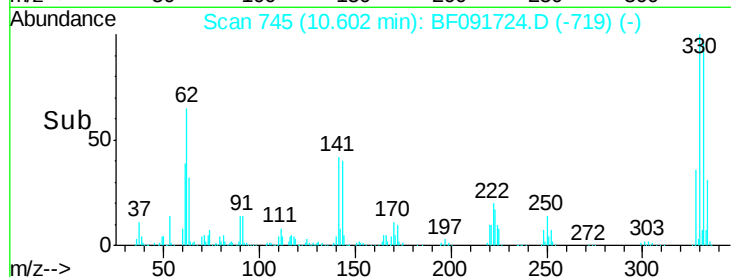
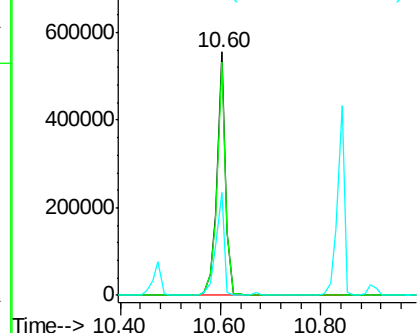
#41
 2,4,6-Tribromophenol
 Concen: 116.53 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tgt Ion:330 Resp: 656946
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 40.6 34.1 51.1

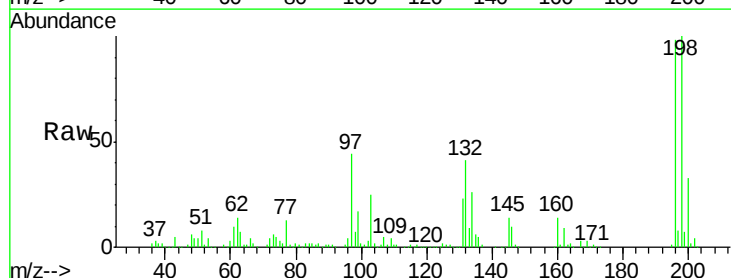


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

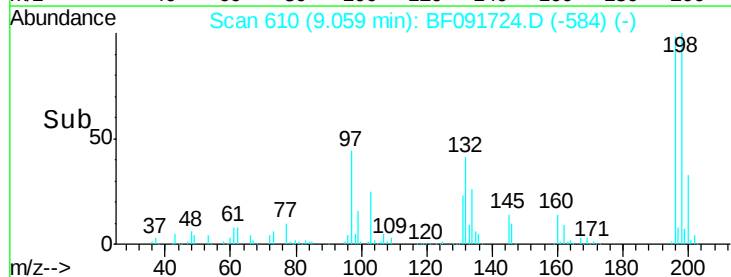
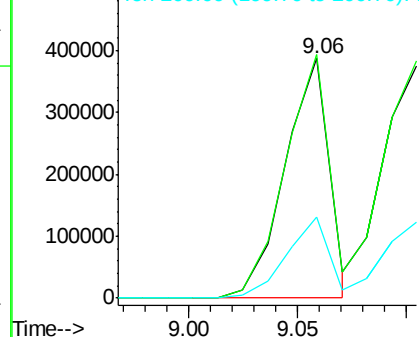


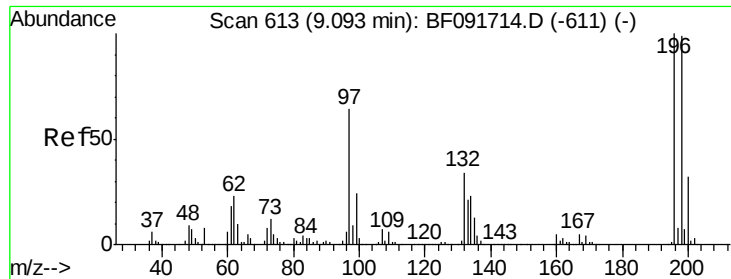
#42
 2,4,6-Trichlorophenol
 Concen: 46.37 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion:196 Resp: 549000
 Ion Ratio Lower Upper
 196 100
 198 101.6 82.1 123.1
 200 33.7 27.0 40.4



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

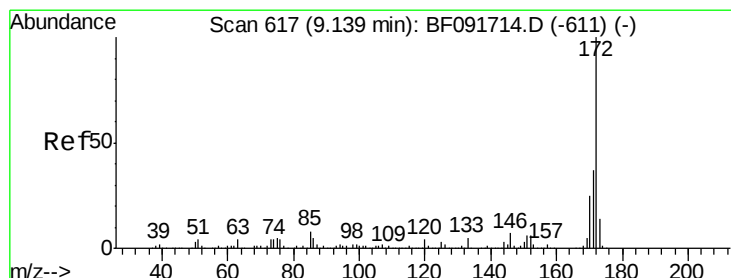
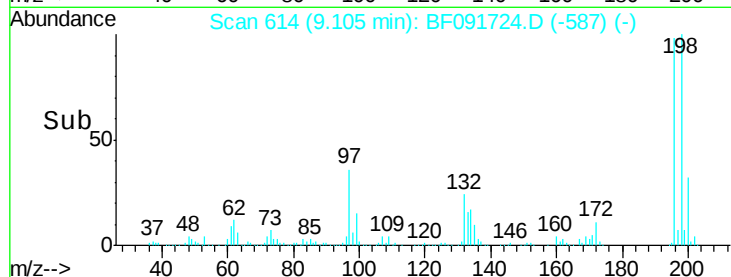
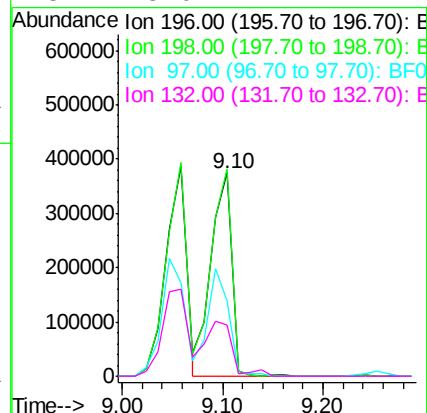
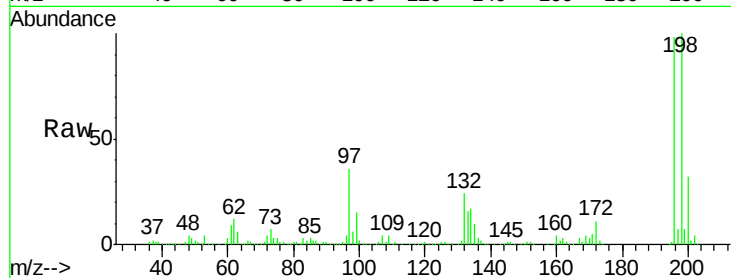




#43
 2,4,5-Trichlorophenol
 Concen: 45.99 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

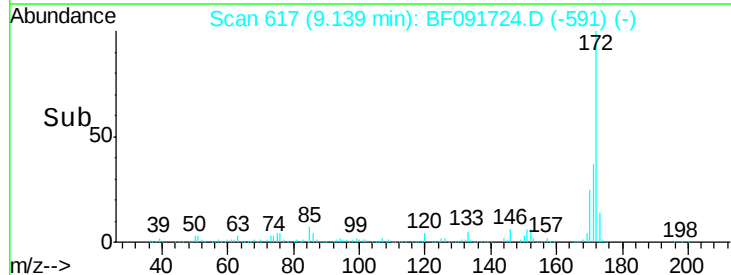
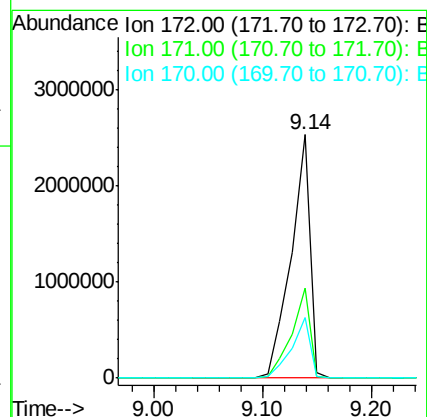
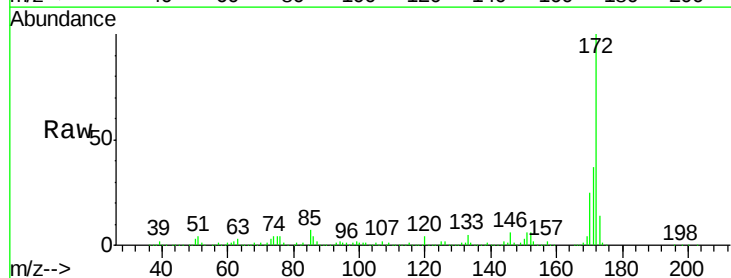
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

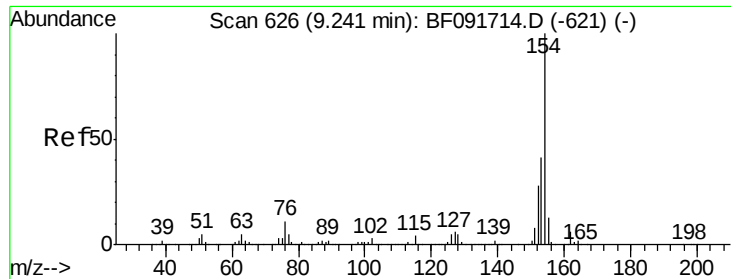
Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.2	79.4	119.2
97	37.3	51.5	77.3#
132	25.0	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 94.00 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.0	20.2	30.4

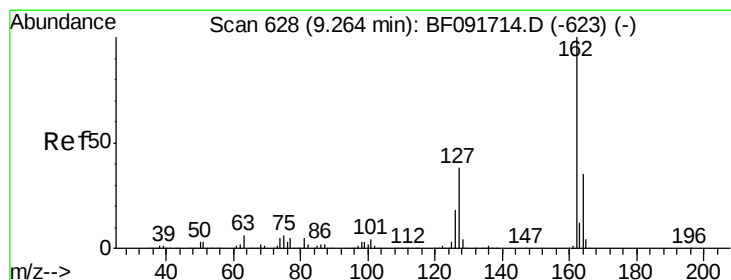
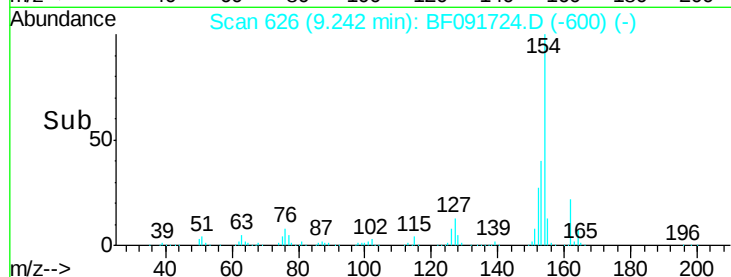
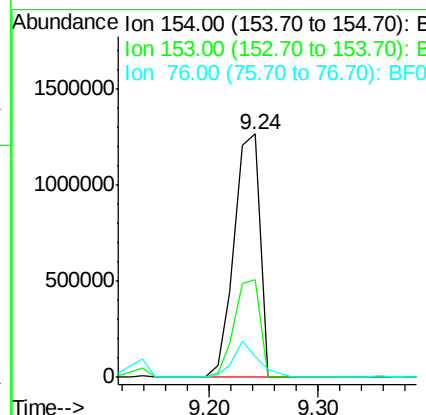
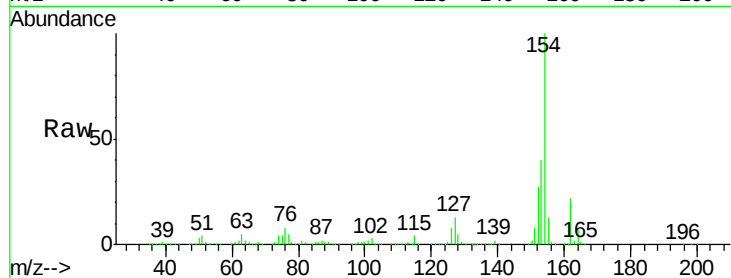




#45
 1,1'-Biphenyl
 Concen: 42.87 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

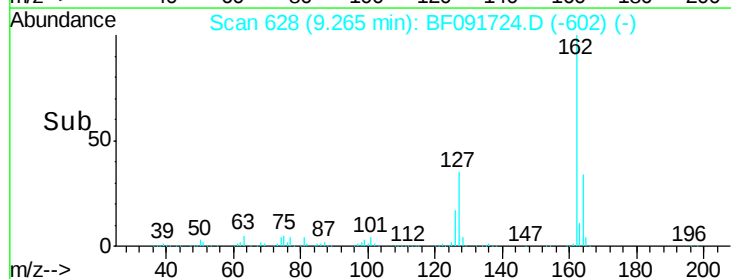
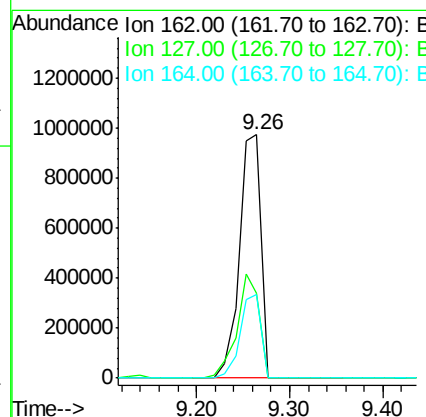
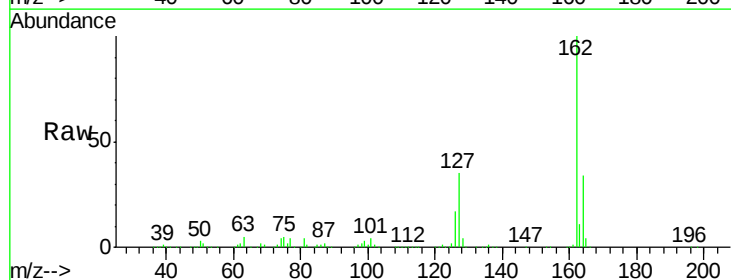
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

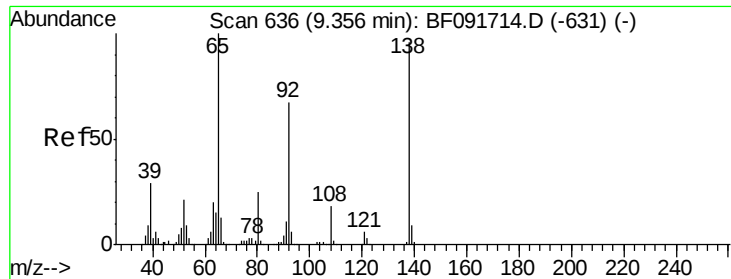
Tgt Ion:154 Resp: 2042853
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 8.5 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 43.57 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion:162 Resp: 1551768
 Ion Ratio Lower Upper
 162 100
 127 35.0 30.7 46.1
 164 34.5 27.6 41.4

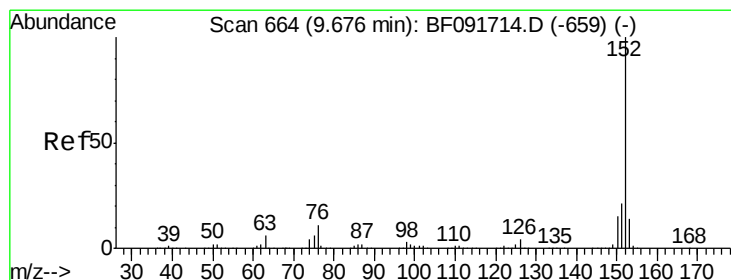
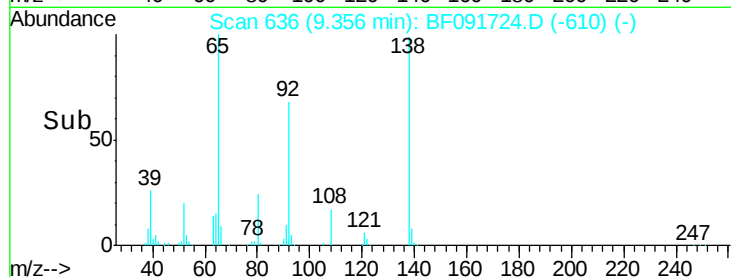
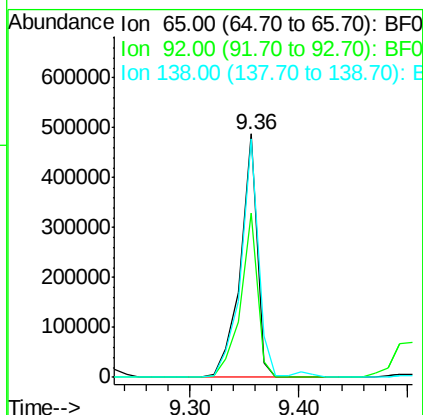
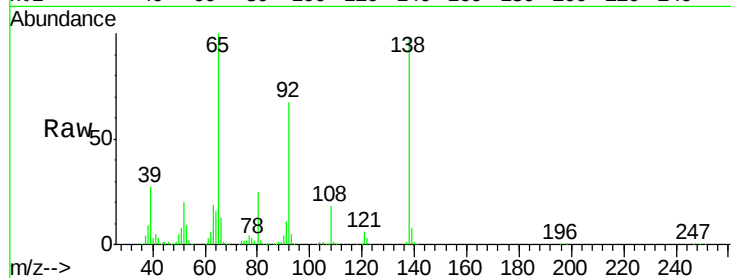




#47
2-Nitroaniline
Concen: 42.51 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

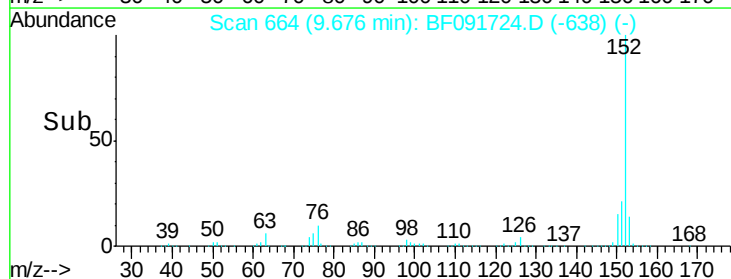
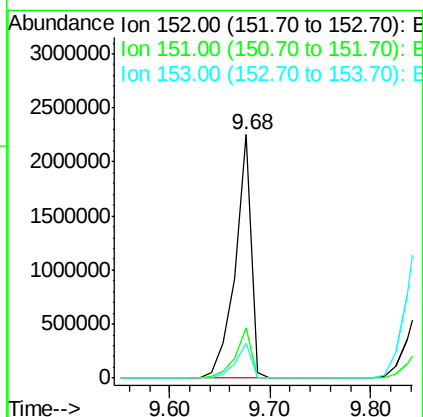
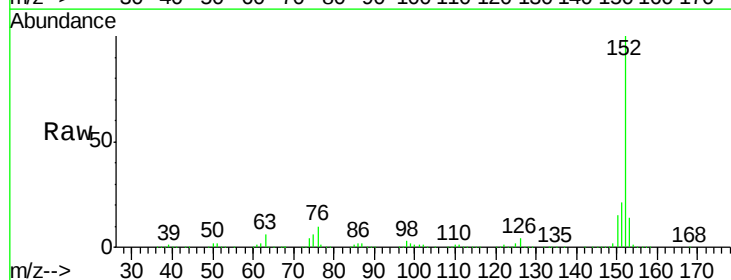
Instrument :
BNA_F
ClientSampleId :
PB95409BS

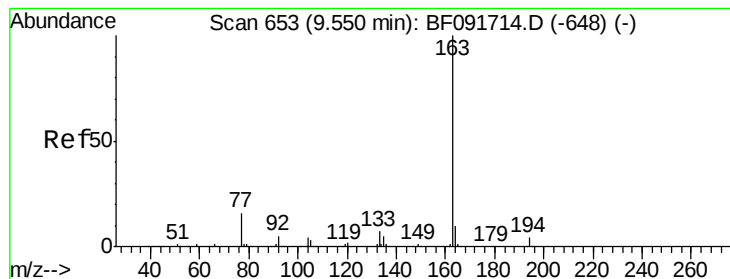
Tgt Ion: 65 Resp: 516890
Ion Ratio Lower Upper
65 100
92 67.2 53.9 80.9
138 98.1 76.8 115.2



#48
Acenaphthylene
Concen: 44.77 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion: 152 Resp: 2470465
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.3 11.4 17.2





#49

Dimethylphthalate

Concen: 45.44 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

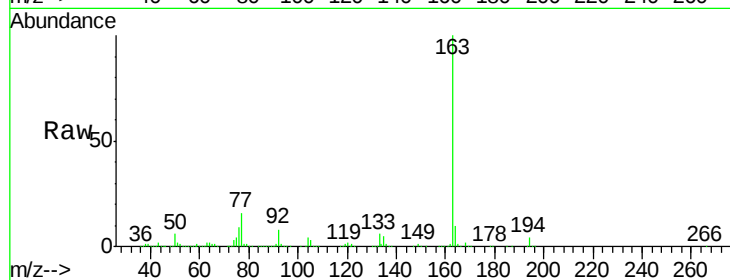
Tgt Ion:163 Resp: 1973507

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

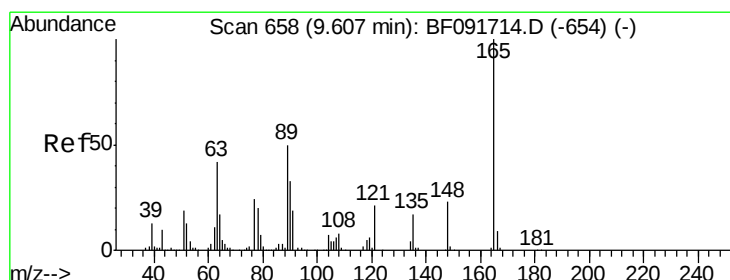
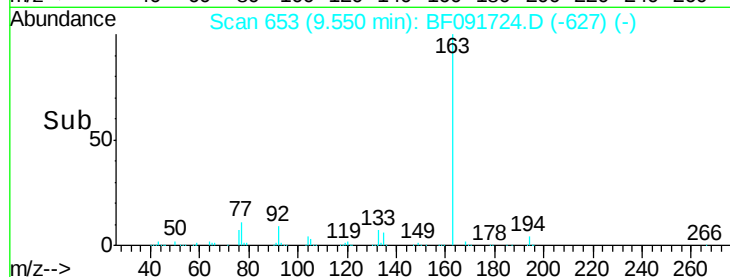
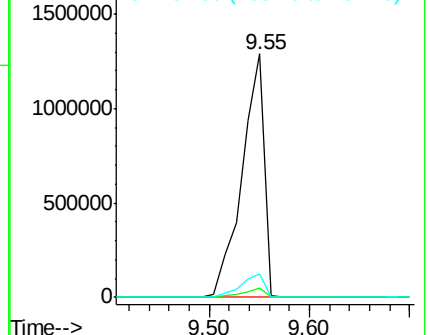
164 9.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.89 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

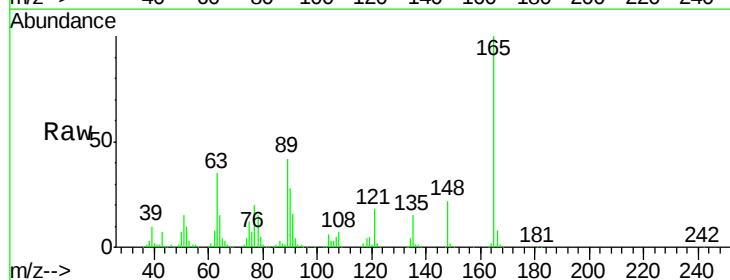
Tgt Ion:165 Resp: 475077

Ion Ratio Lower Upper

165 100

63 34.6 36.2 54.4#

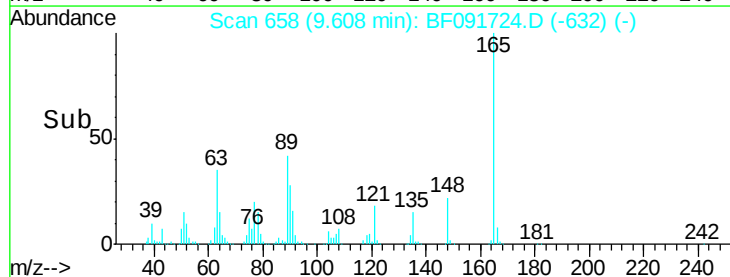
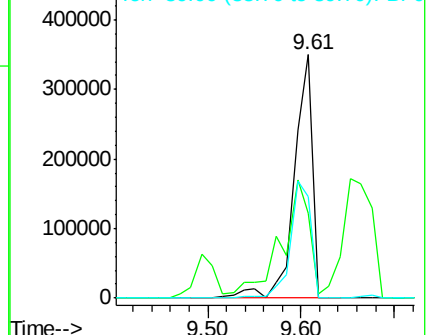
89 41.7 40.2 60.4

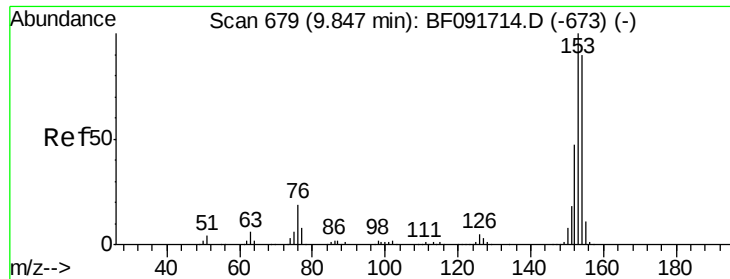


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.32 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

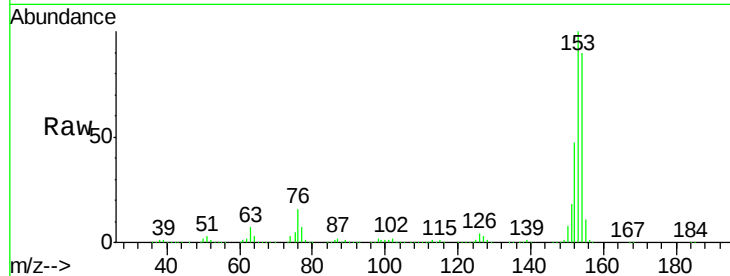
Tgt Ion:154 Resp: 1678337

Ion Ratio Lower Upper

154 100

153 111.3 88.6 133.0

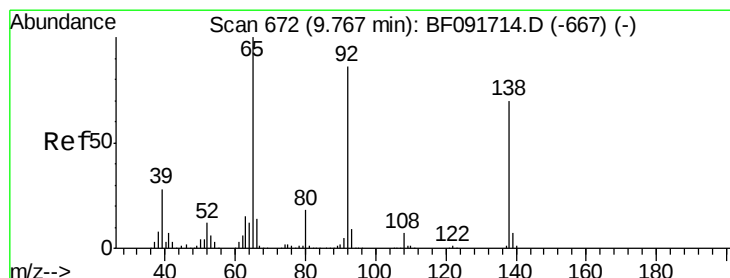
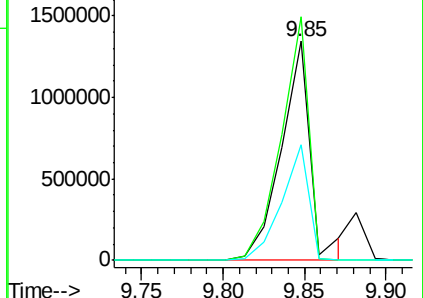
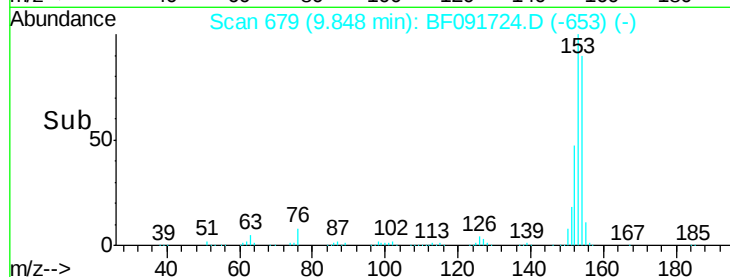
152 52.7 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.18 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

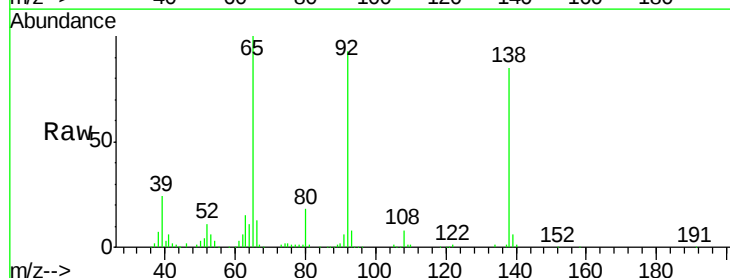
Tgt Ion:138 Resp: 215564

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

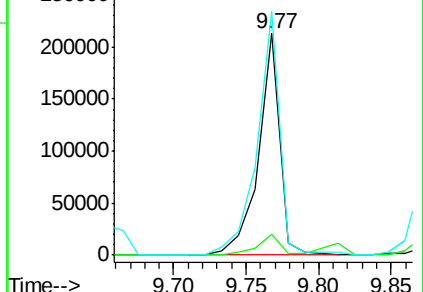
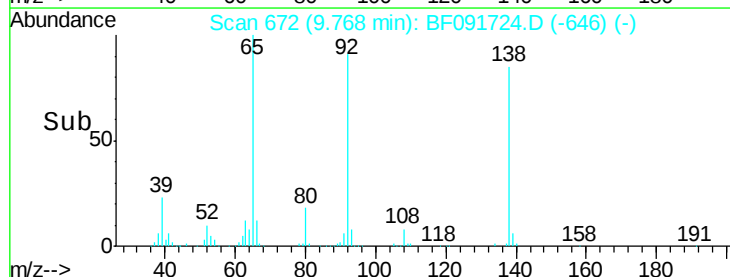
92 110.0 97.8 146.8

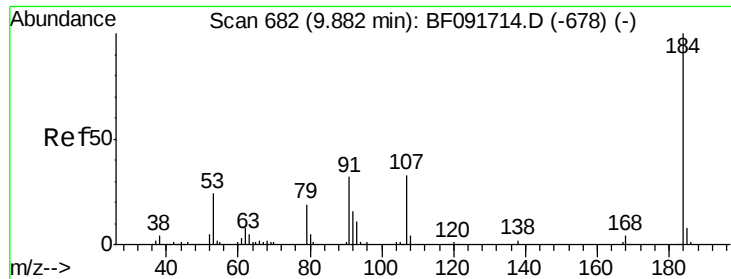


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

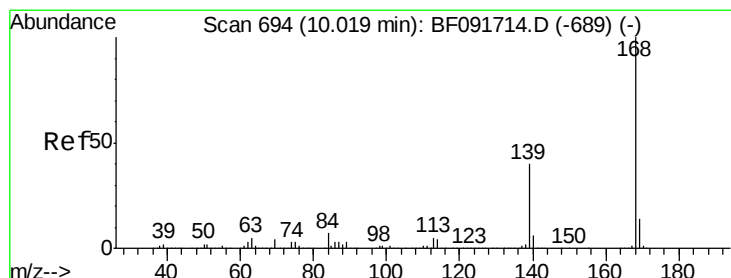
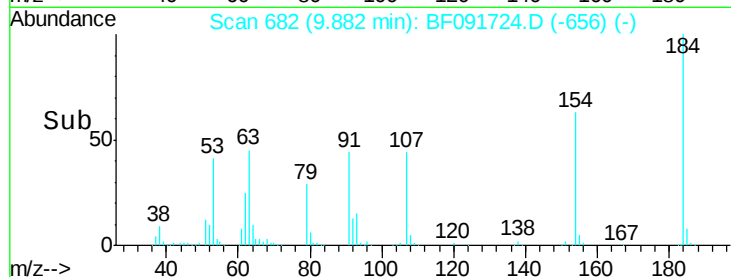
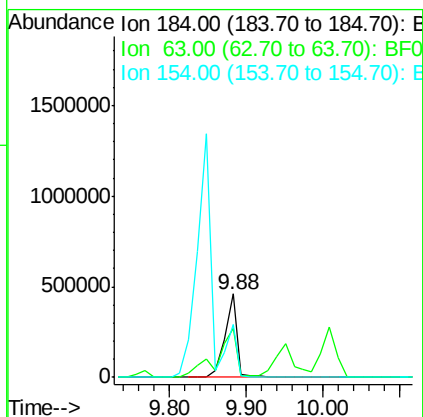
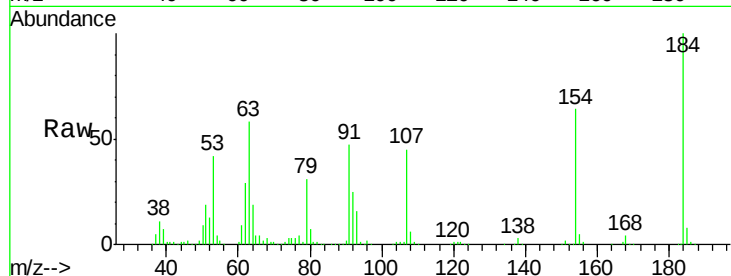




#53
 2,4-Dinitrophenol
 Concen: 101.56 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

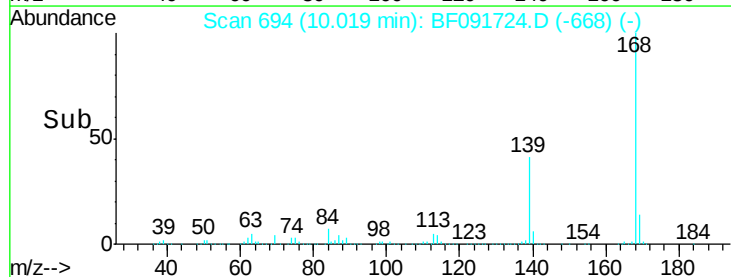
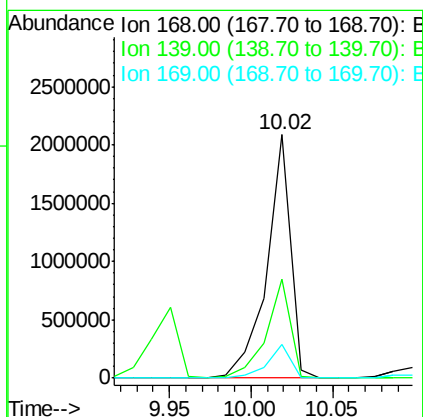
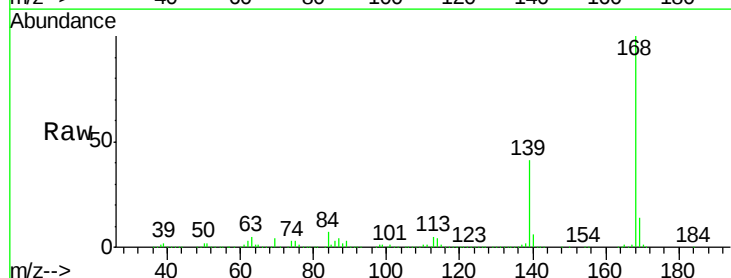
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

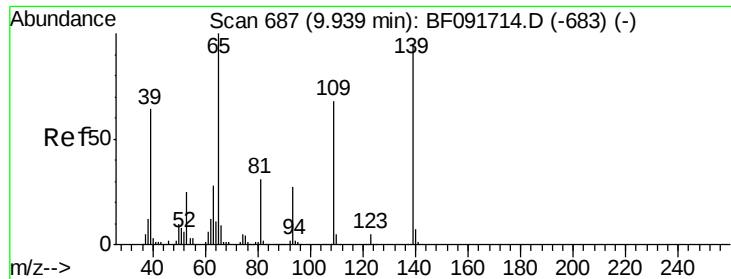
Tgt Ion:184 Resp: 522418
 Ion Ratio Lower Upper
 184 100
 63 58.5 28.4 42.6#
 154 63.5 44.3 66.5



#54
 Dibenzofuran
 Concen: 47.17 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion:168 Resp: 2124235
 Ion Ratio Lower Upper
 168 100
 139 40.8 32.6 49.0
 169 13.9 11.3 16.9

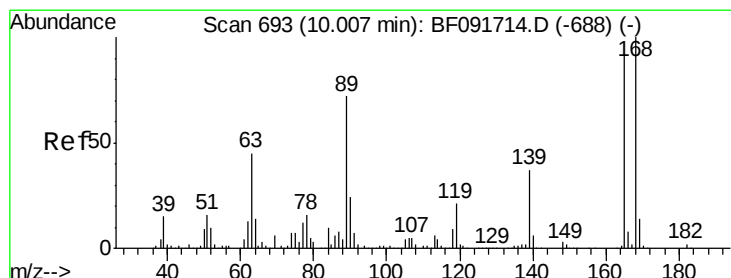
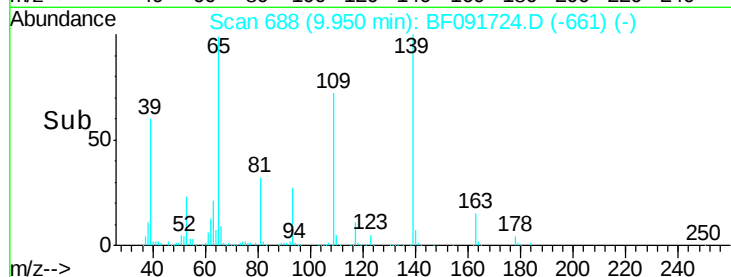
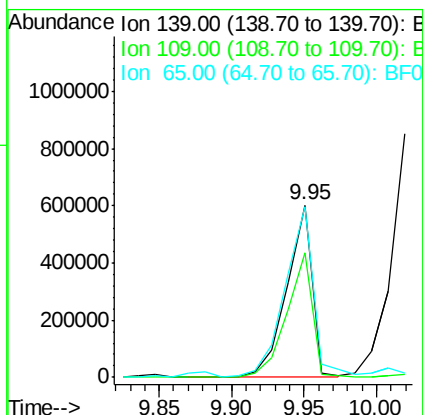
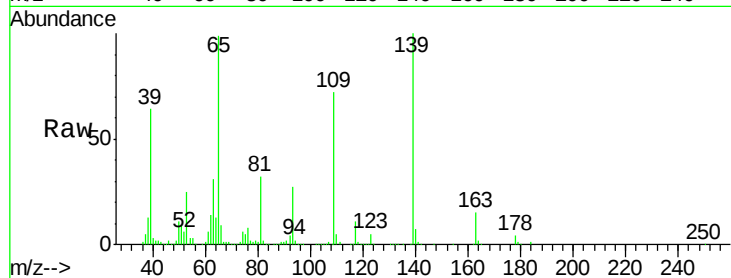




#55
4-Nitrophenol
Concen: 88.50 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

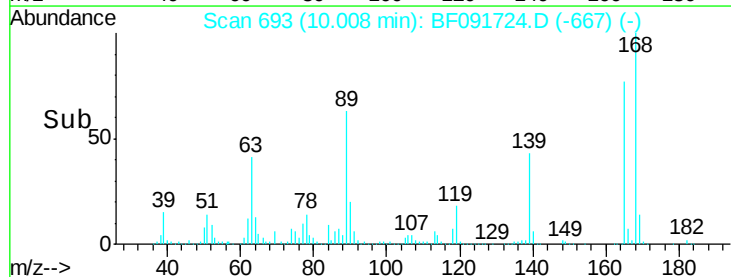
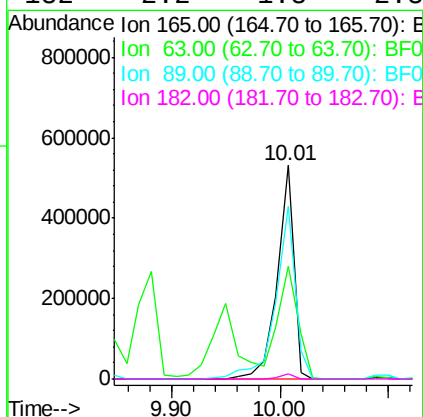
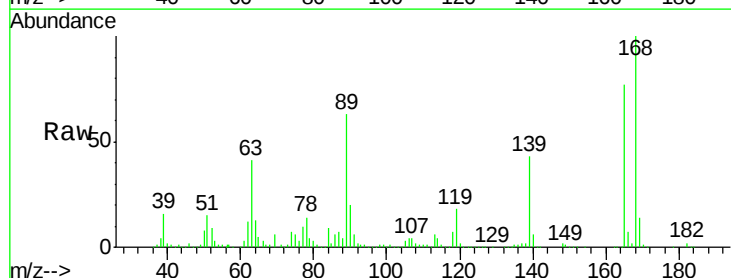
Instrument :
BNA_F
ClientSampleId :
PB95409BS

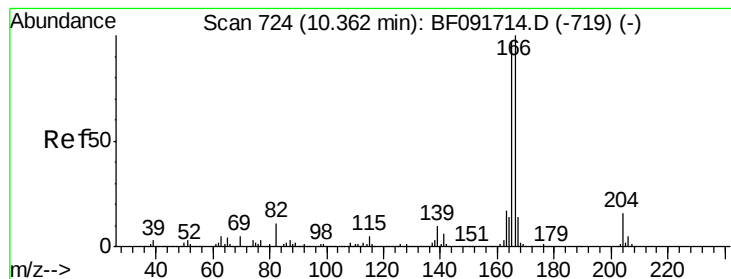
Tgt Ion:139 Resp: 728604
Ion Ratio Lower Upper
139 100
109 72.4 52.2 92.2
65 99.1 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 47.15 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion:165 Resp: 560795
Ion Ratio Lower Upper
165 100
63 52.9 40.2 60.4
89 81.1 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 47.86 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

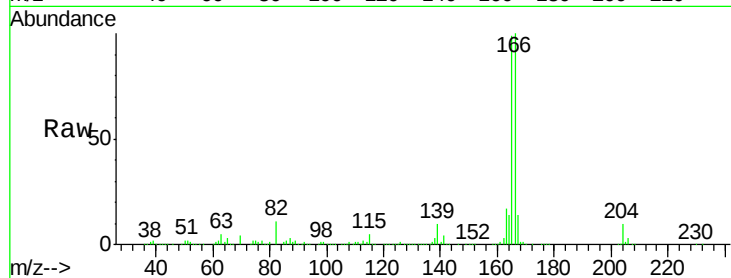
Tgt Ion:166 Resp: 1674144

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

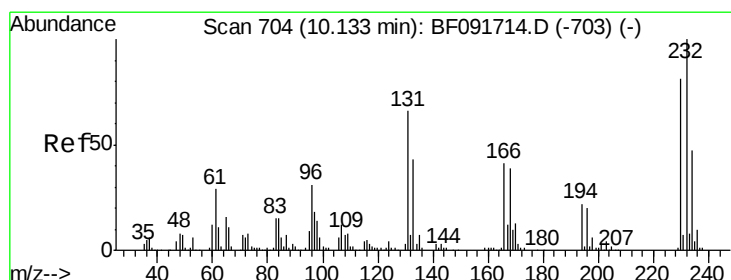
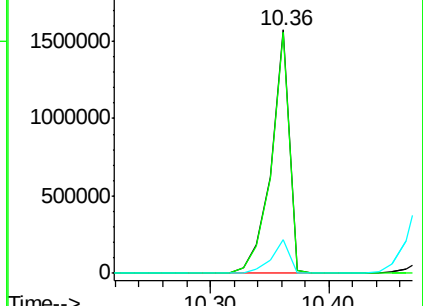
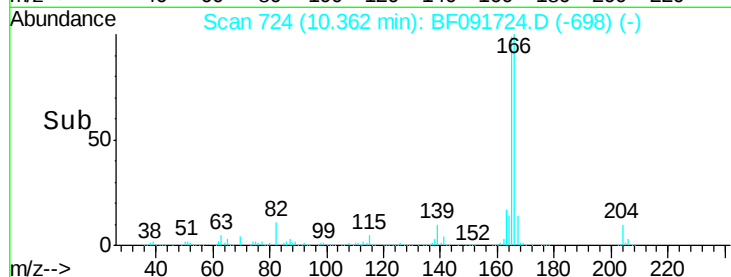
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.20 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:232 Resp: 415443

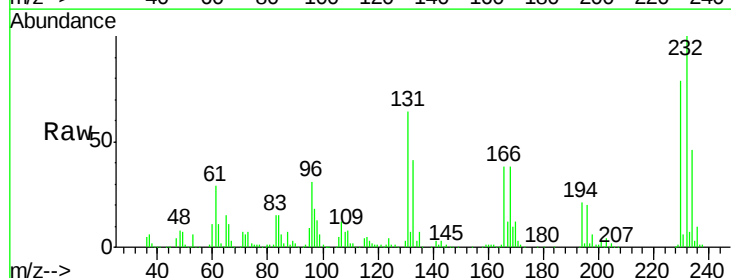
Ion Ratio Lower Upper

232 100

131 51.4 40.1 60.1

130 2.6 1.8 2.8

166 33.2 26.6 39.8

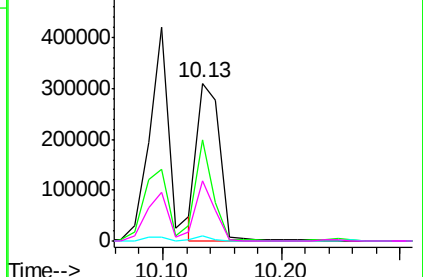
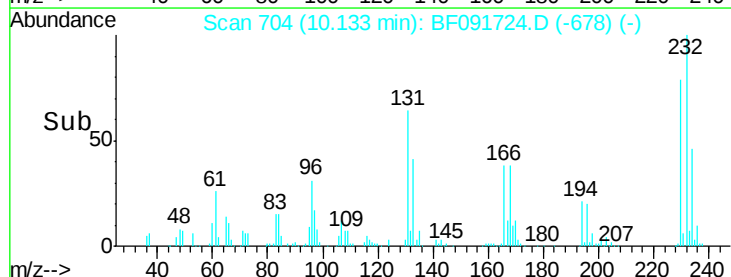


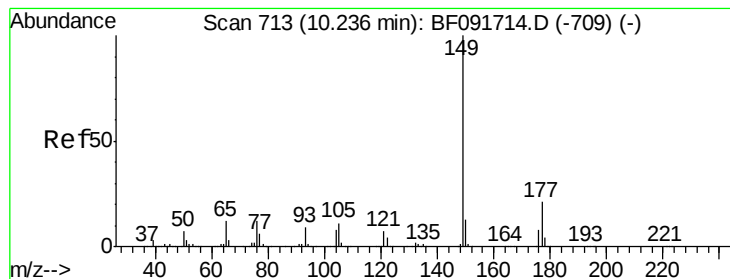
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.14 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

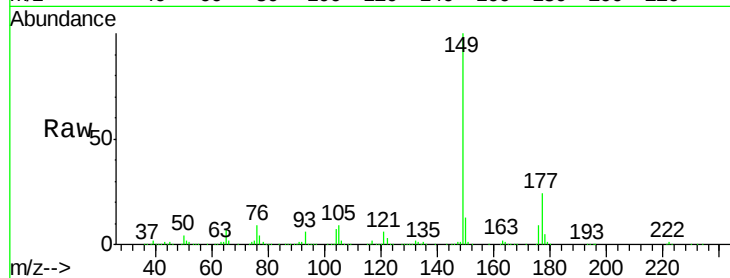
Tgt Ion:149 Resp: 1927241

Ion Ratio Lower Upper

149 100

177 23.7 16.6 25.0

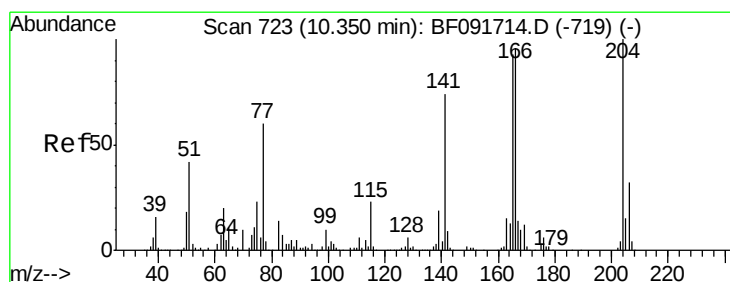
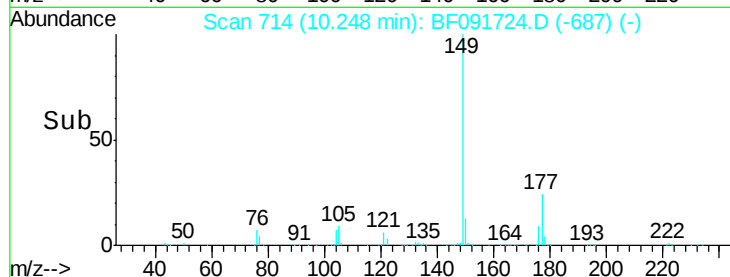
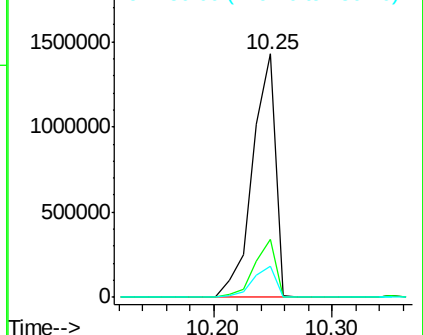
150 12.5 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.17 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

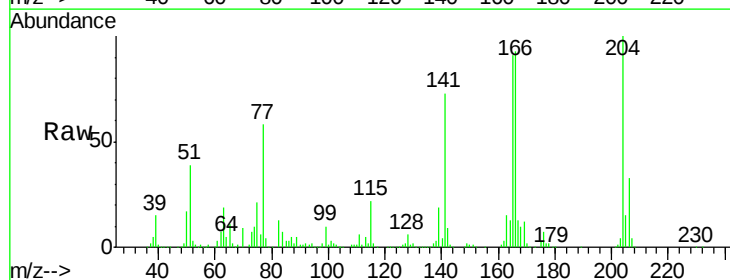
Tgt Ion:204 Resp: 671849

Ion Ratio Lower Upper

204 100

206 33.0 25.8 38.6

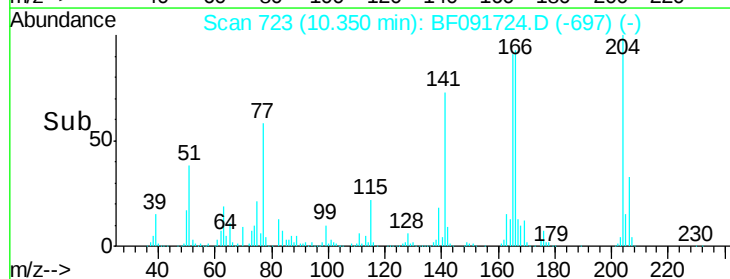
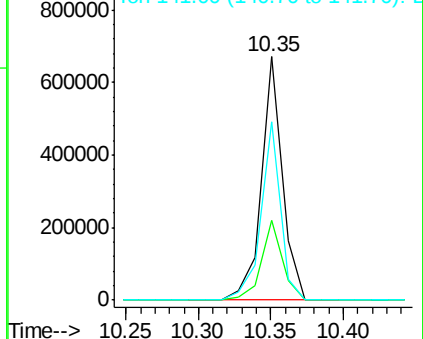
141 73.1 59.4 89.0

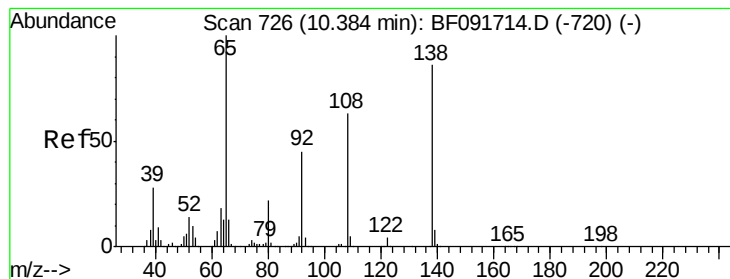


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.28 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

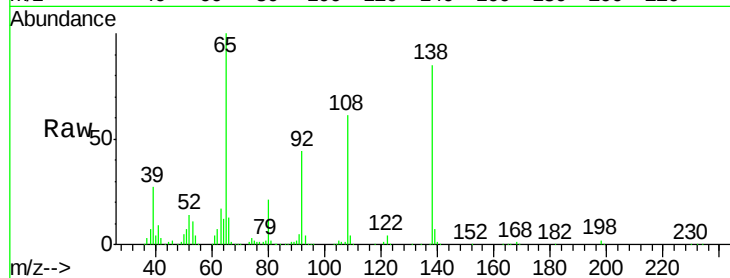
Tgt Ion:138 Resp: 407543

Ion Ratio Lower Upper

138 100

92 51.6 31.7 71.7

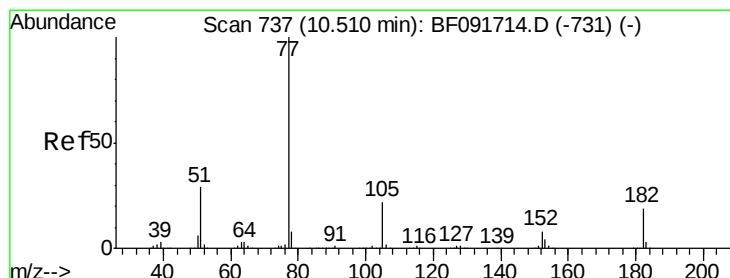
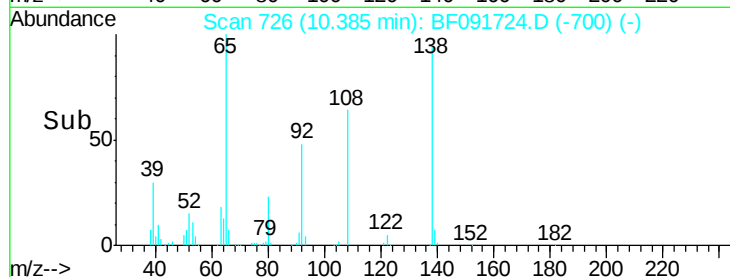
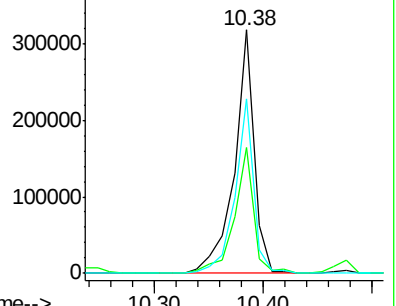
108 71.5 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.61 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion: 77 Resp: 2026087

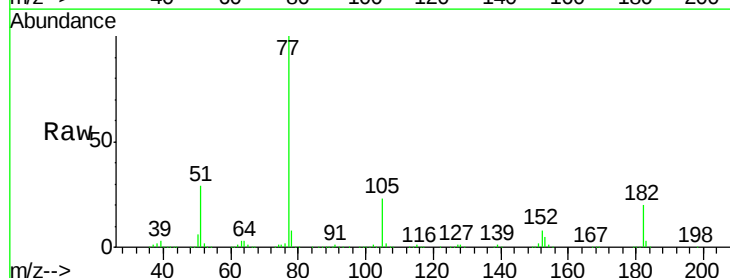
Ion Ratio Lower Upper

77 100

182 20.4 0.0 39.3

105 23.0 2.3 42.3

51 29.0 8.9 48.9

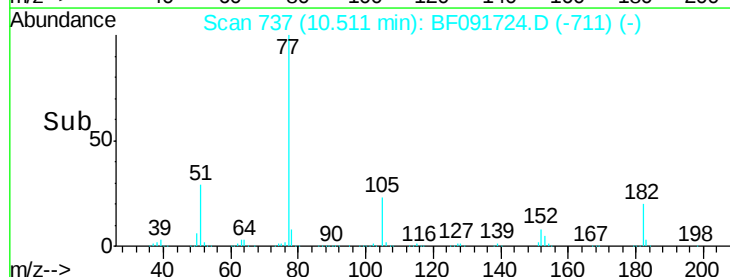
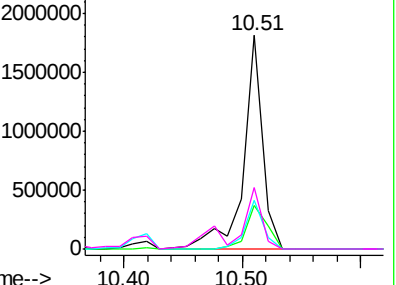


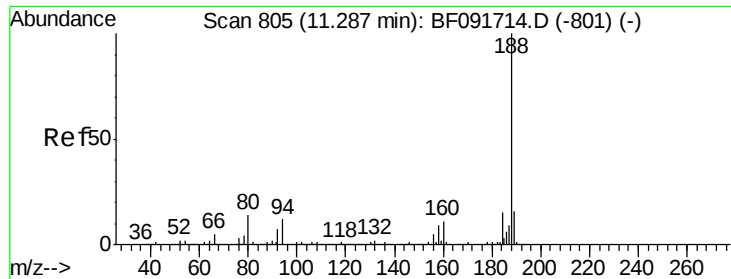
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

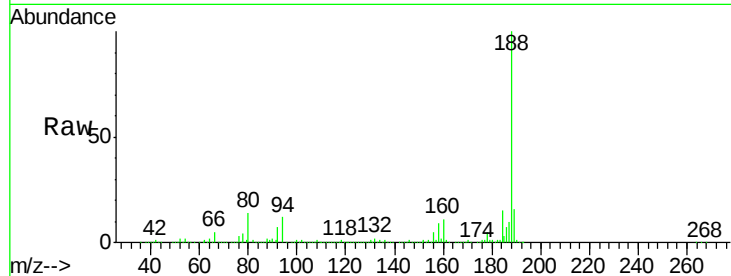




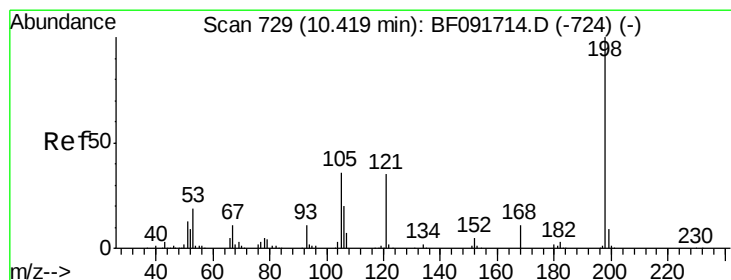
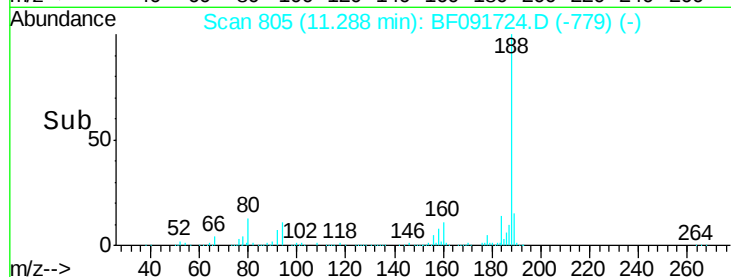
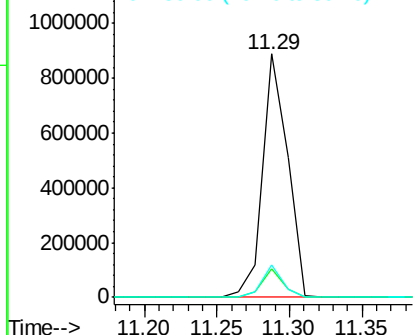
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tgt Ion:188 Resp: 1064941
Ion Ratio Lower Upper
188 100
94 11.9 10.0 15.0
80 13.6 11.2 16.8

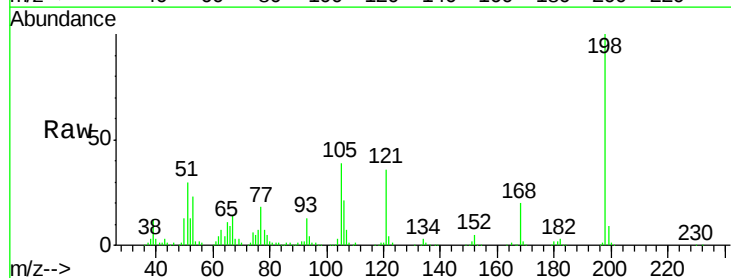


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

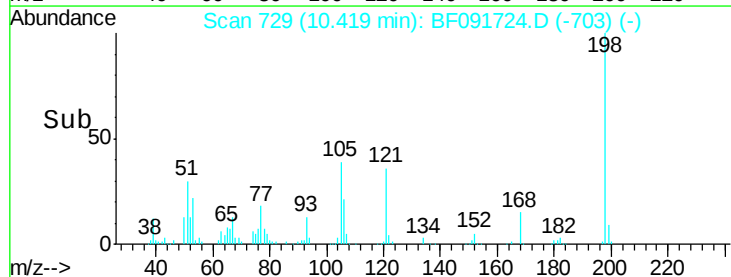
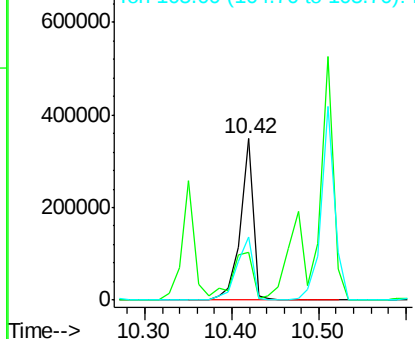


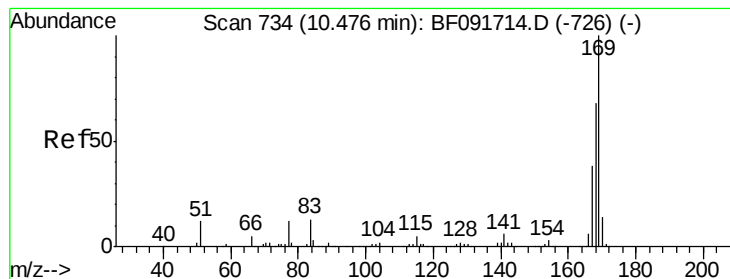
#64
4,6-Dinitro-2-methylphenol
Concen: 50.40 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion:198 Resp: 354029
Ion Ratio Lower Upper
198 100
51 29.8 6.7 46.7
105 38.9 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 46.35 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

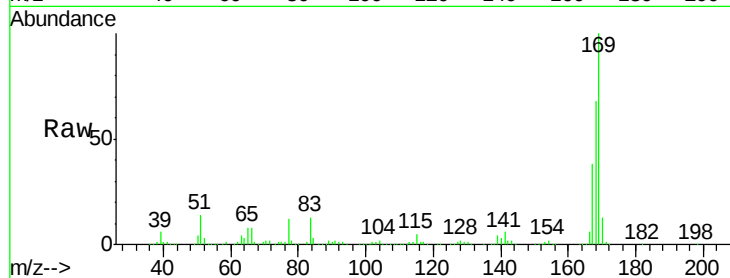
Tgt Ion:169 Resp: 1532838

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

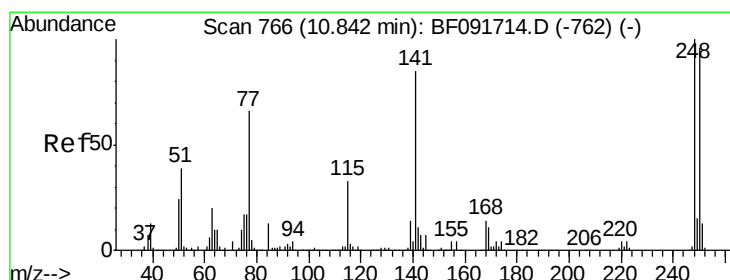
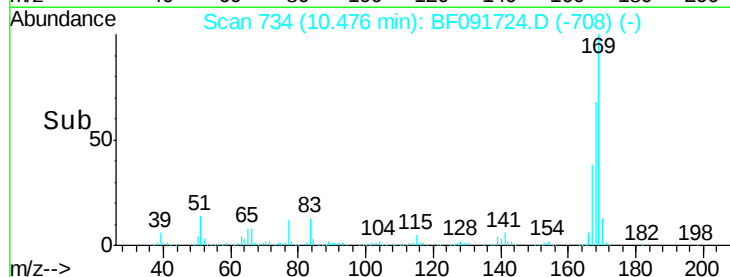
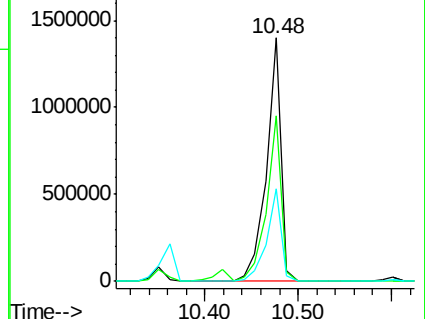
167 37.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.45 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

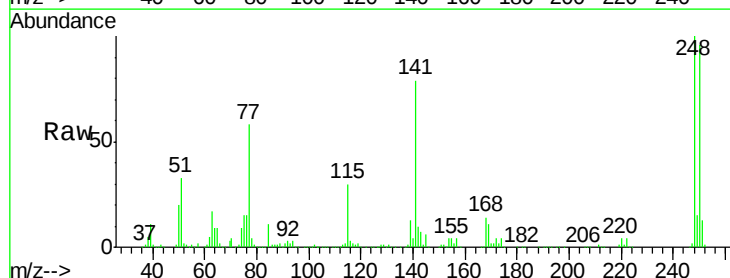
Tgt Ion:248 Resp: 507562

Ion Ratio Lower Upper

248 100

250 96.2 76.9 115.3

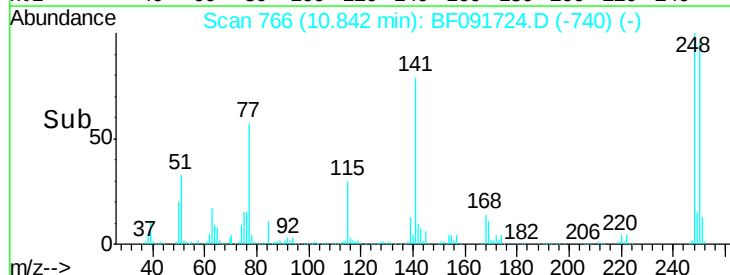
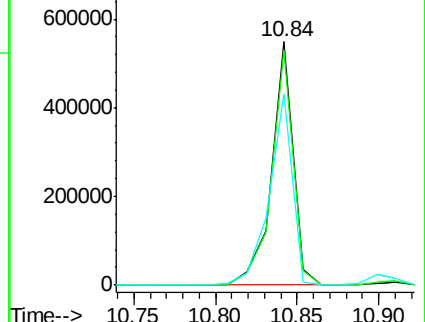
141 78.8 68.2 102.4

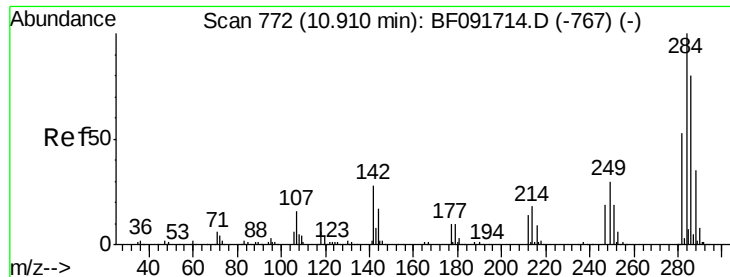


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

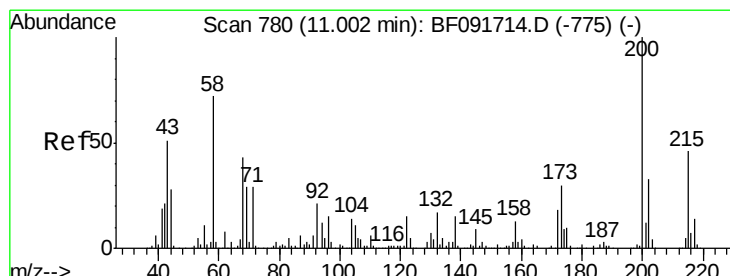
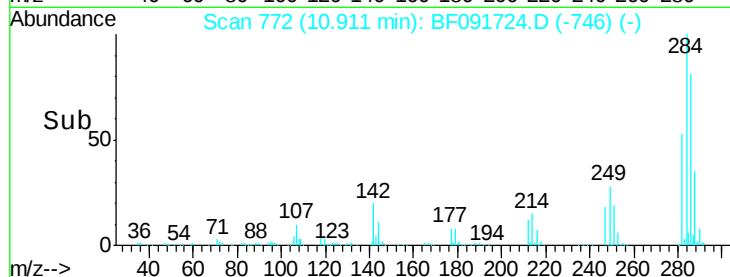
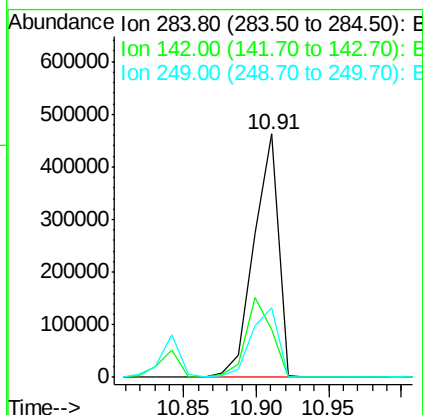
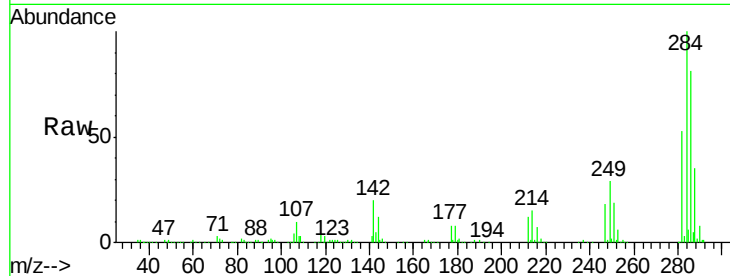




#67
Hexachlorobenzene
Concen: 46.30 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

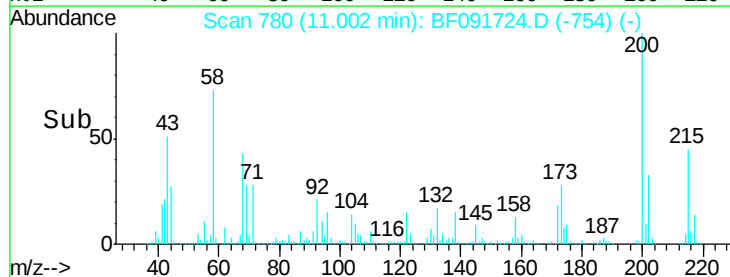
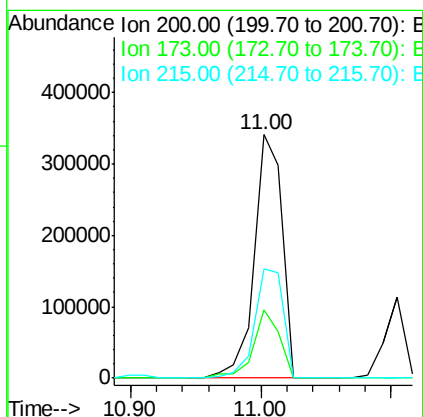
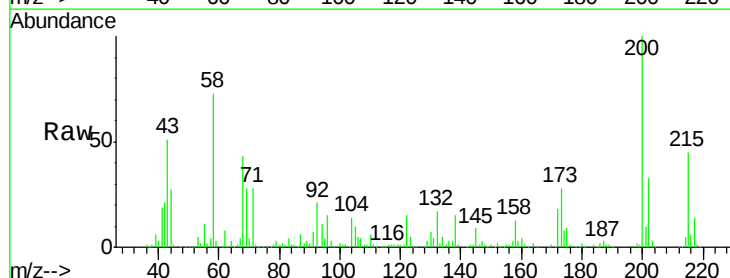
Instrument :
BNA_F
ClientSampleId :
PB95409BS

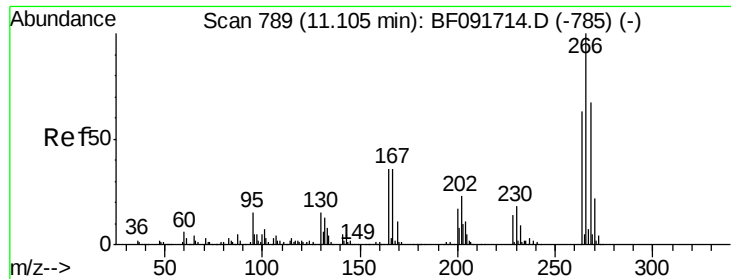
Tgt Ion	Ratio	Lower	Upper
284	100		
142	19.9	22.6	33.8#
249	28.7	25.4	38.0



#68
Atrazine
Concen: 50.59 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	9.6	49.6
215	44.9	25.7	65.7

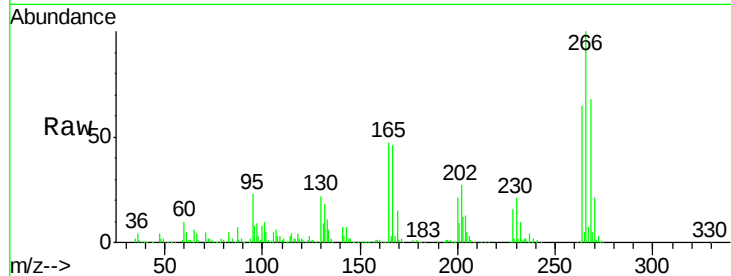




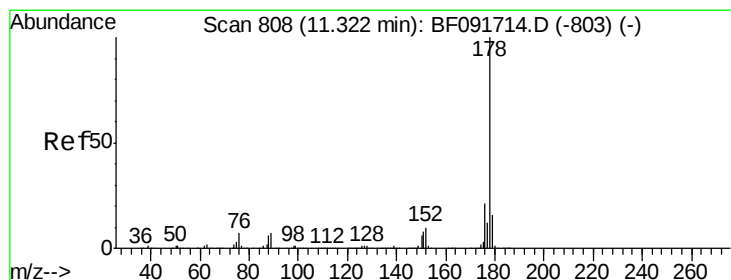
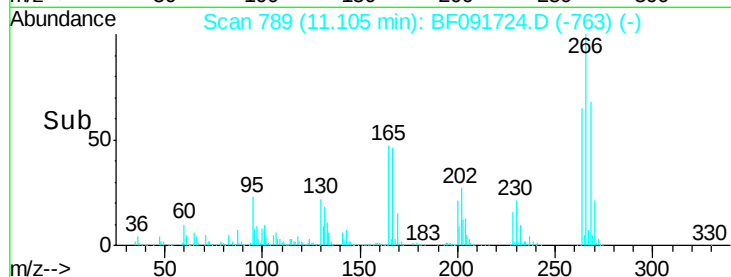
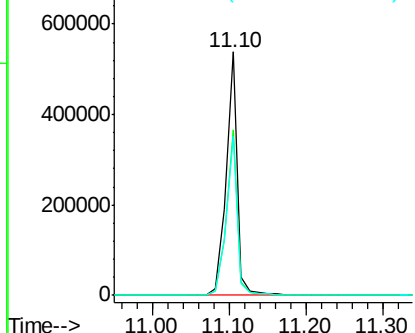
#69
 Pentachlorophenol
 Concen: 89.14 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tgt Ion:266 Resp: 562884
 Ion Ratio Lower Upper
 266 100
 268 68.2 53.3 79.9
 264 65.1 50.3 75.5

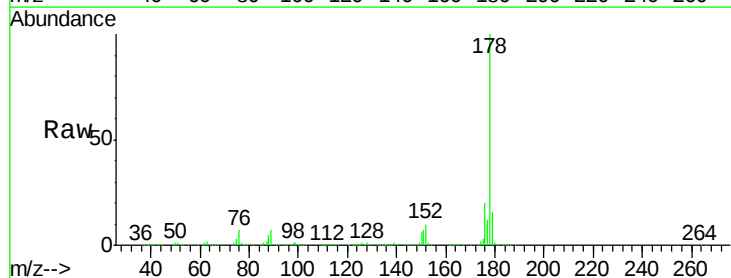


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

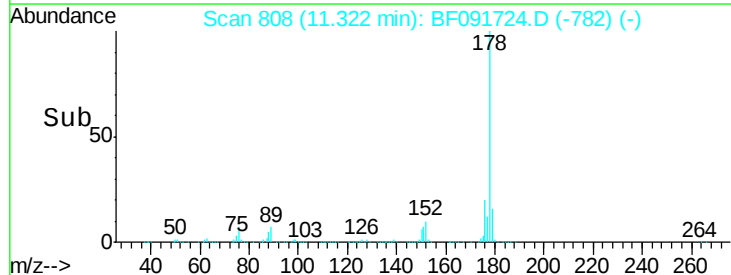
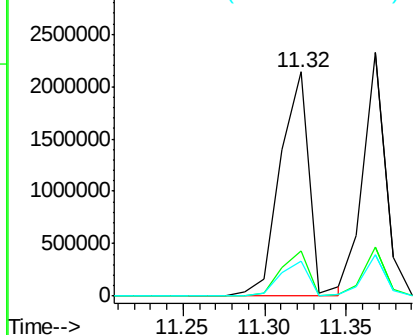


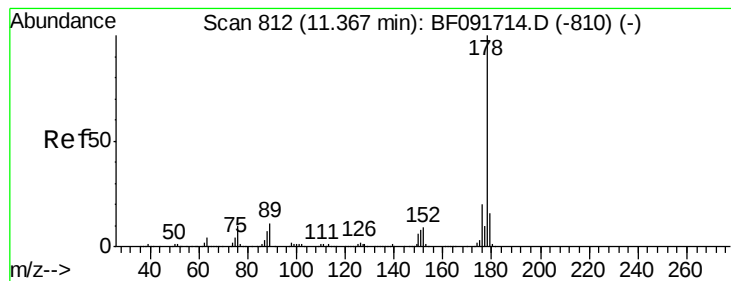
#70
 Phenanthrene
 Concen: 49.66 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion:178 Resp: 2642294
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.8 12.8 19.2



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





#71

Anthracene

Concen: 39.96 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

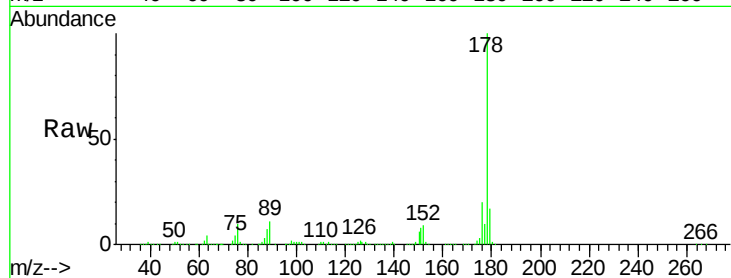
Tgt Ion:178 Resp: 2252352

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

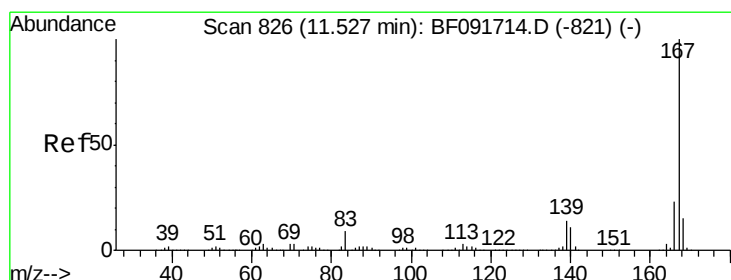
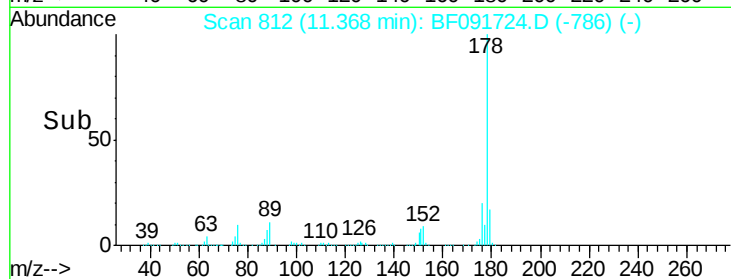
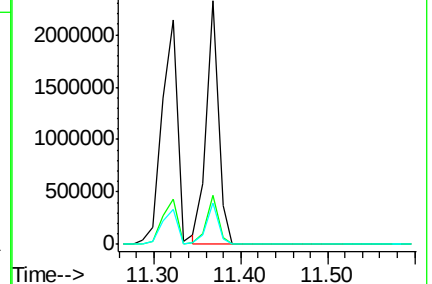
179 16.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.85 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

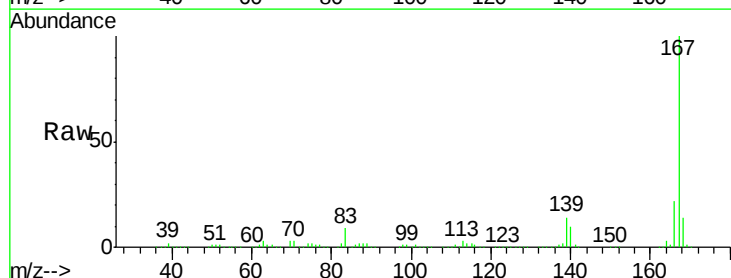
Tgt Ion:167 Resp: 2358259

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

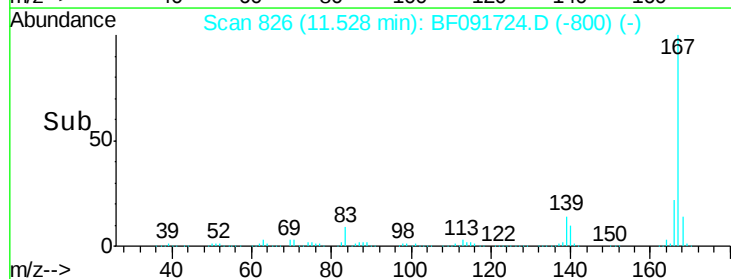
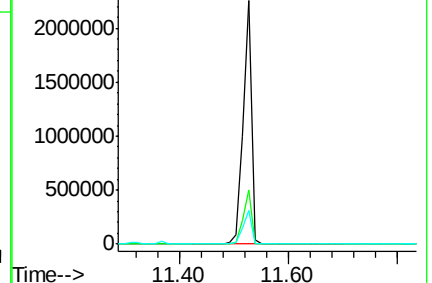
139 13.9 11.4 17.2

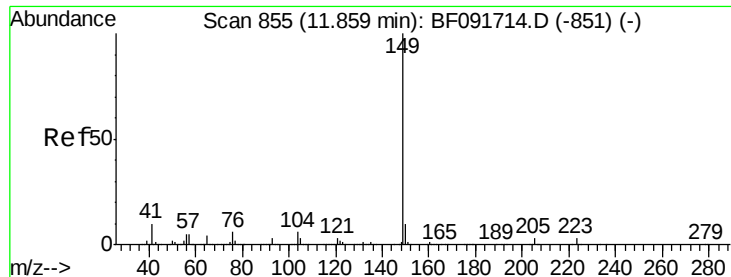


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

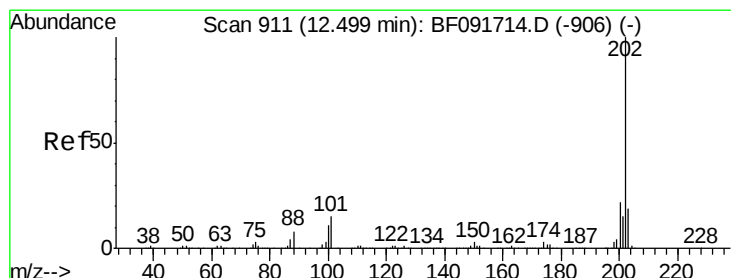
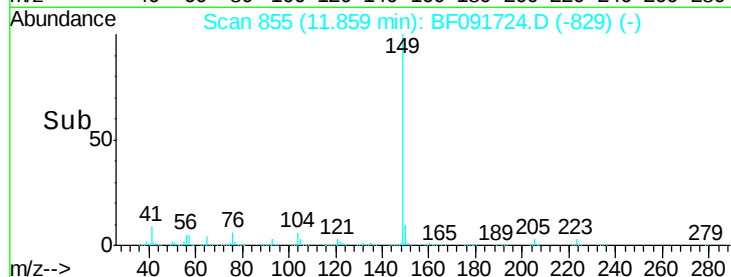
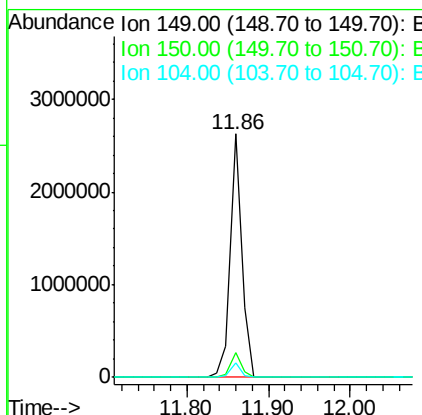
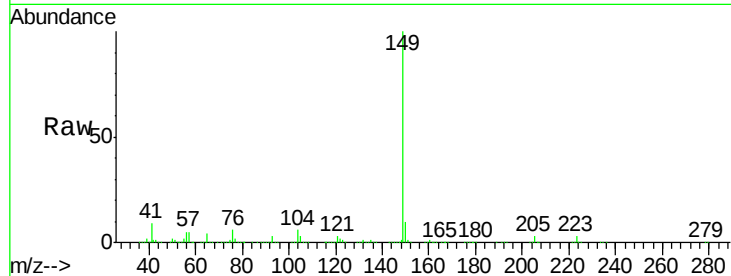




#73
Di-n-butylphthalate
Concen: 40.87 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

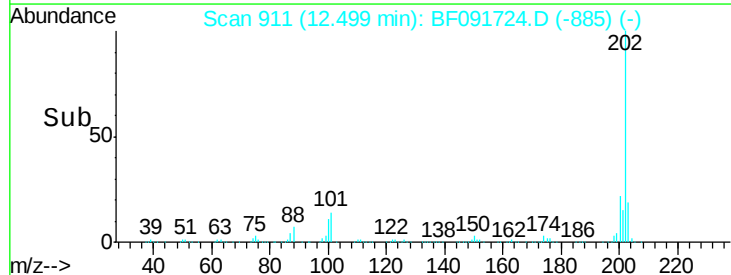
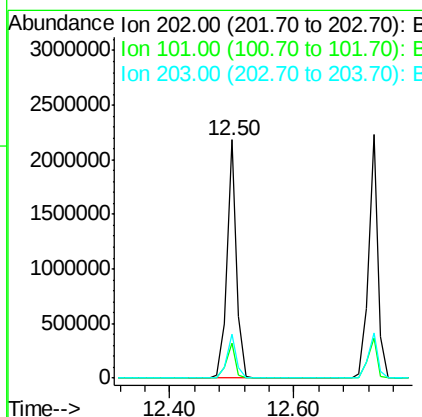
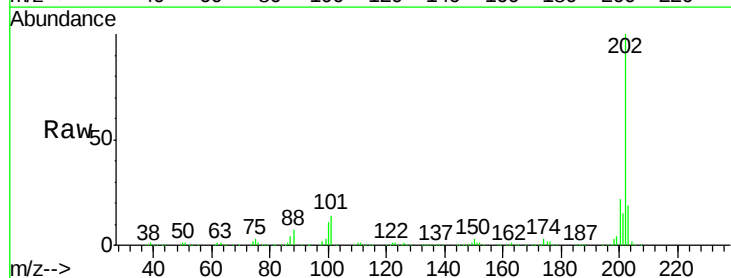
Instrument :
BNA_F
ClientSampleId :
PB95409BS

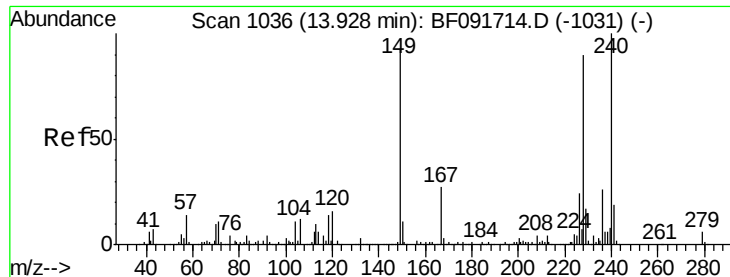
Tgt Ion:149 Resp: 2582600
Ion Ratio Lower Upper
149 100
150 10.1 8.1 12.1
104 6.0 4.6 7.0



#74
Fluoranthene
Concen: 40.88 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion:202 Resp: 2271797
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.6
203 18.6 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

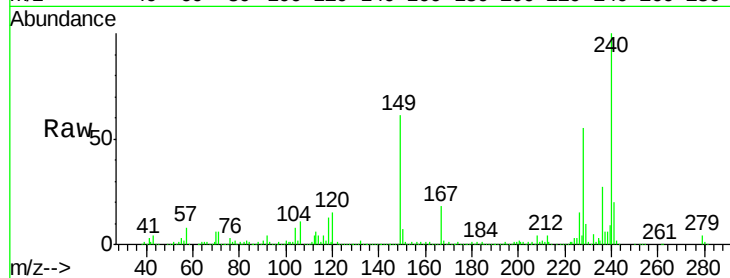
Tgt Ion:240 Resp: 760998

Ion Ratio Lower Upper

240 100

120 14.6 12.9 19.3

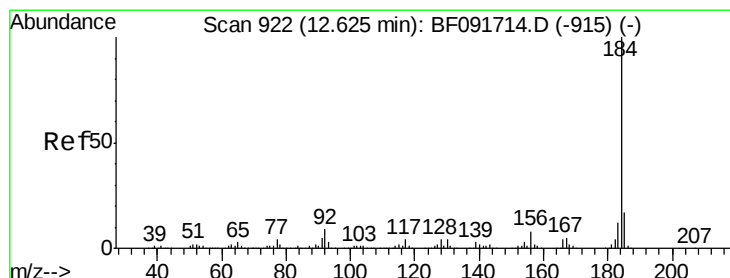
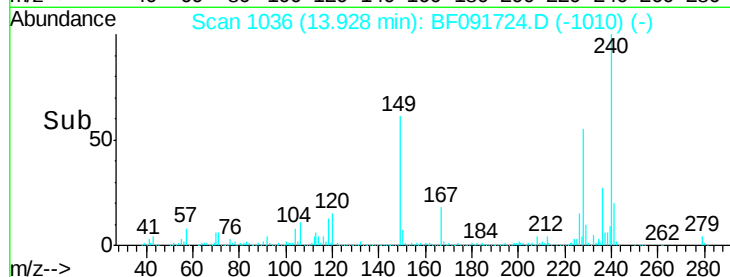
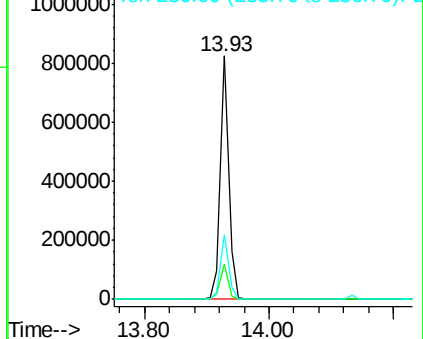
236 26.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.92 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

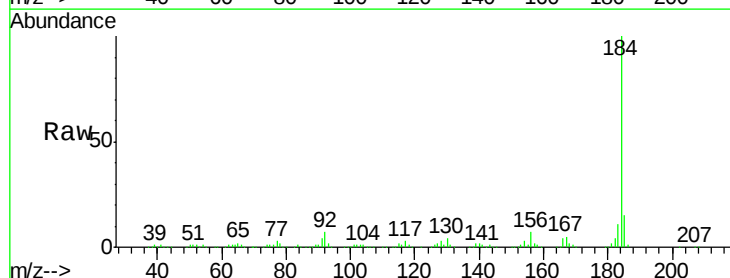
Tgt Ion:184 Resp: 524073

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

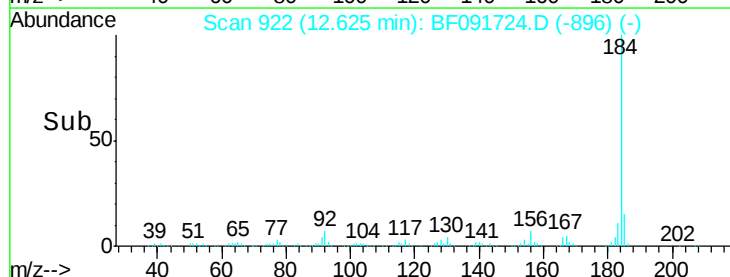
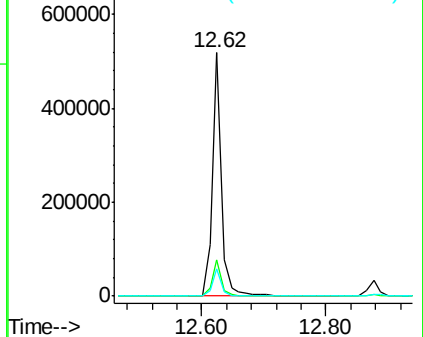
183 11.2 9.2 13.8

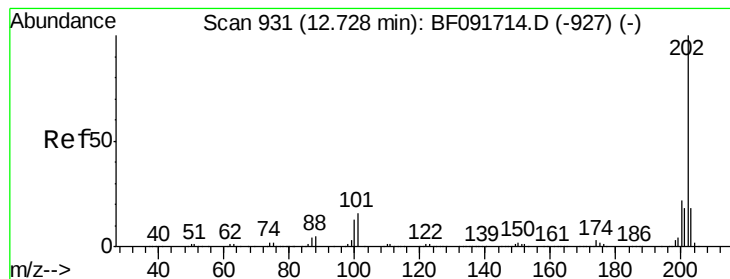


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.30 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

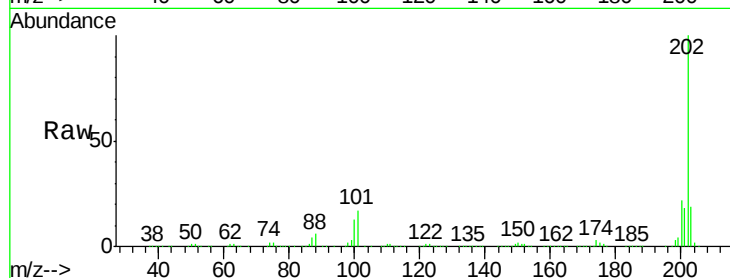
Tgt Ion:202 Resp: 2269981

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

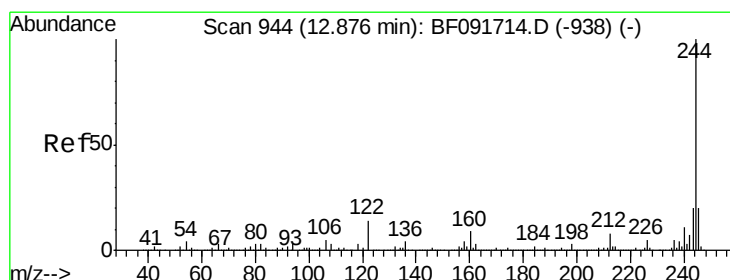
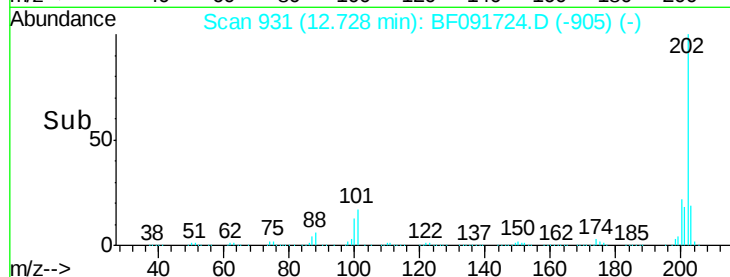
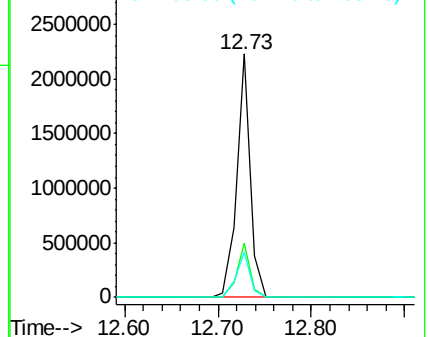
203 18.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.53 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

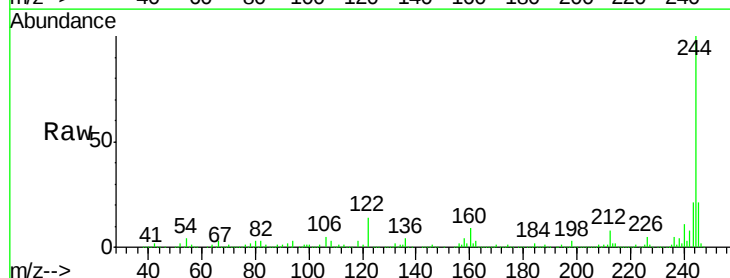
Tgt Ion:244 Resp: 2758551

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

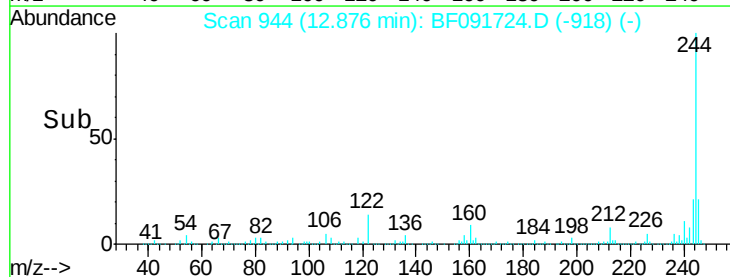
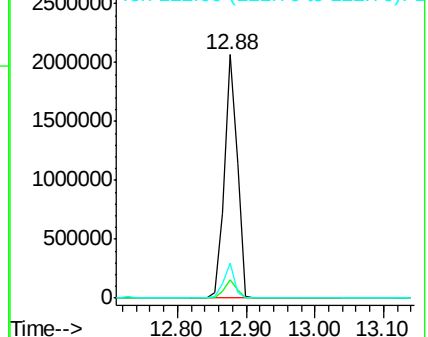
122 14.4 11.4 17.2

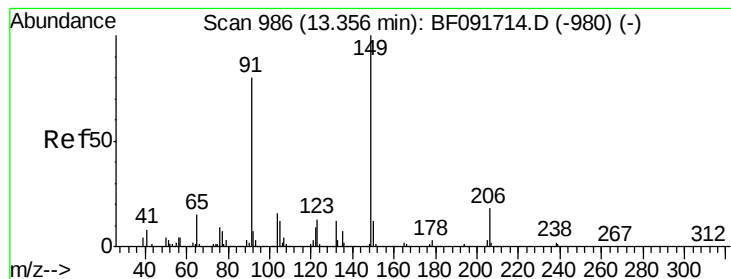


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.34 ng

RT: 13.36 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

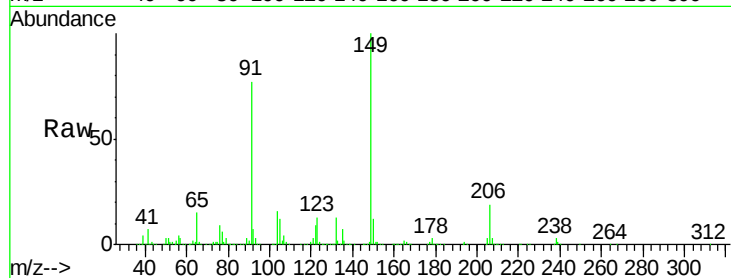
Tgt Ion:149 Resp: 1217578

Ion Ratio Lower Upper

149 100

91 77.0 63.9 95.9

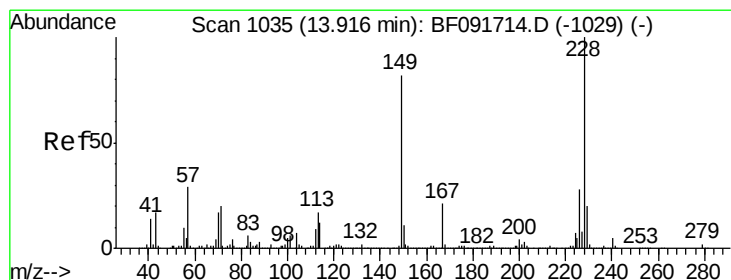
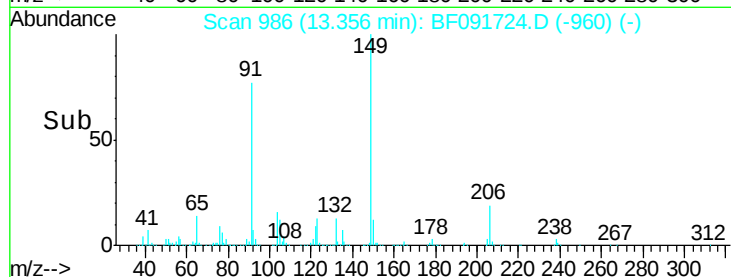
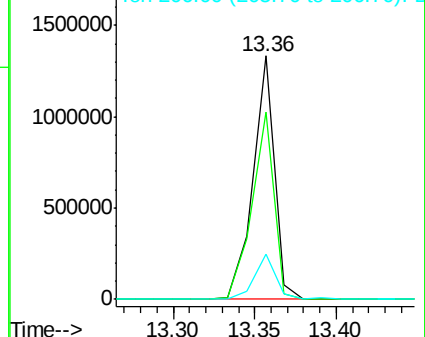
206 18.7 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

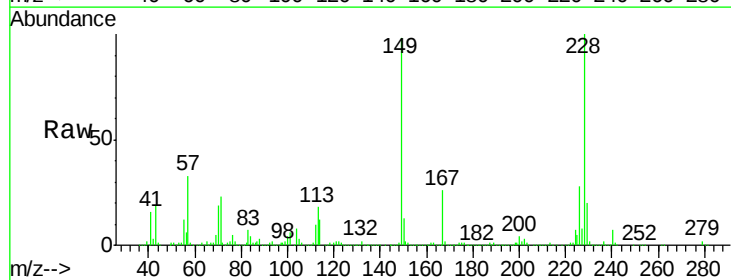
Tgt Ion:228 Resp: 2002395

Ion Ratio Lower Upper

228 100

226 28.3 22.4 33.6

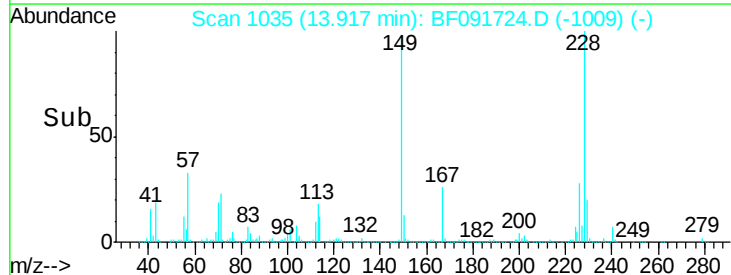
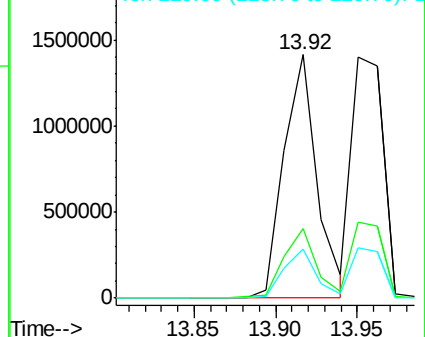
229 20.3 16.2 24.4

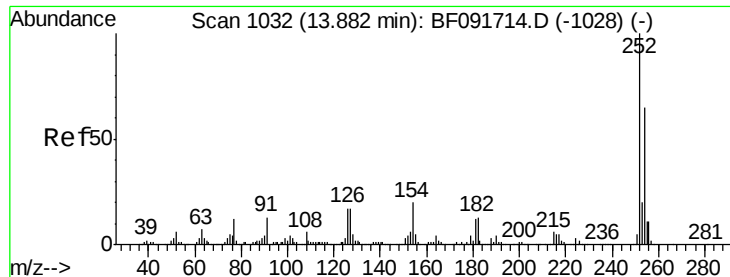


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

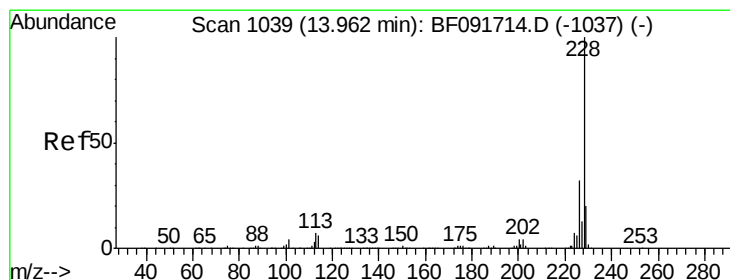
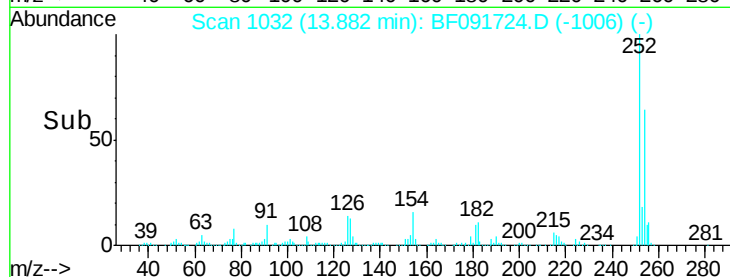
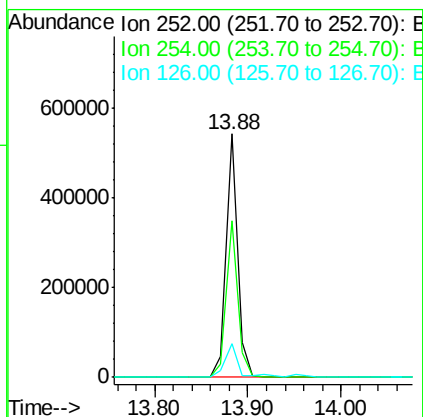
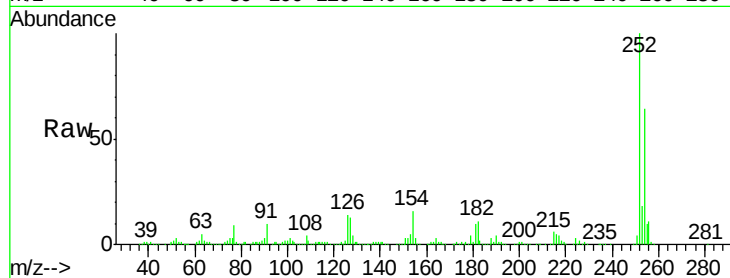




#81
 3,3'-Dichlorobenzidine
 Concen: 26.69 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

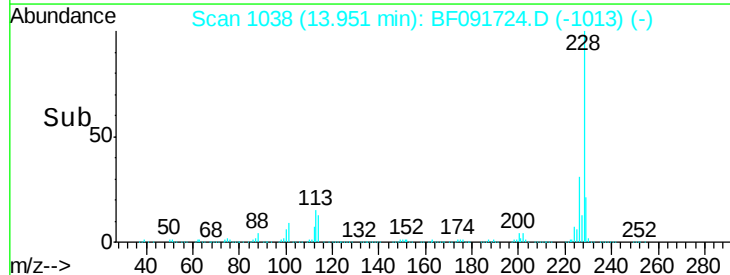
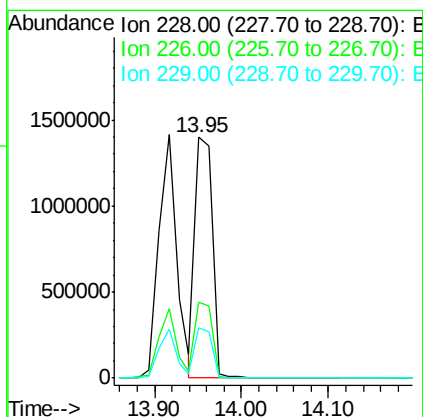
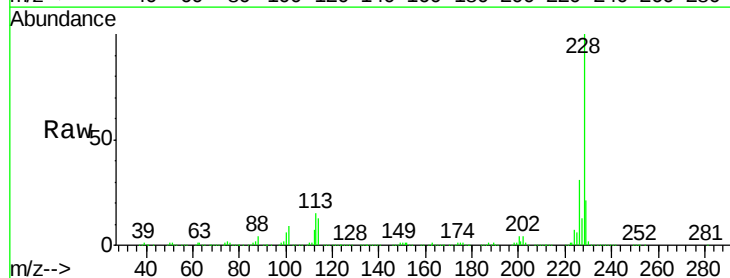
Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

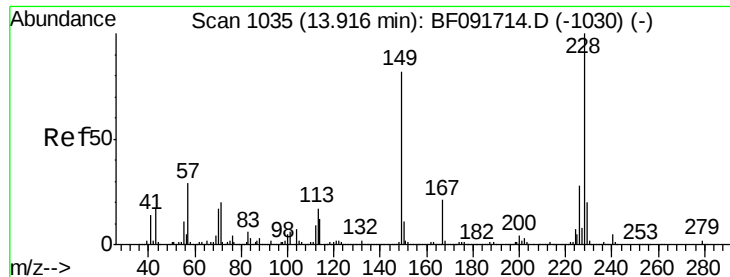
Tgt Ion: 252 Resp: 464935
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.3 78.5
 126 13.6 13.6 20.4



#82
 Chrysene
 Concen: 42.63 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion: 228 Resp: 1923559
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.7 16.2 24.2

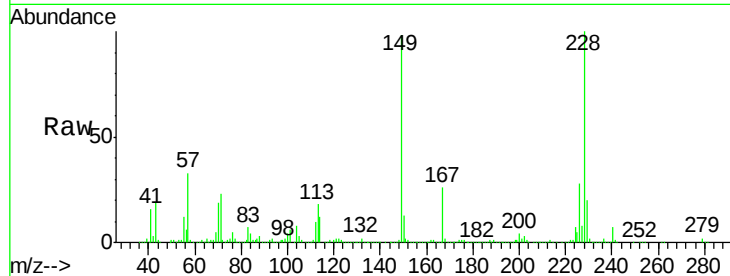




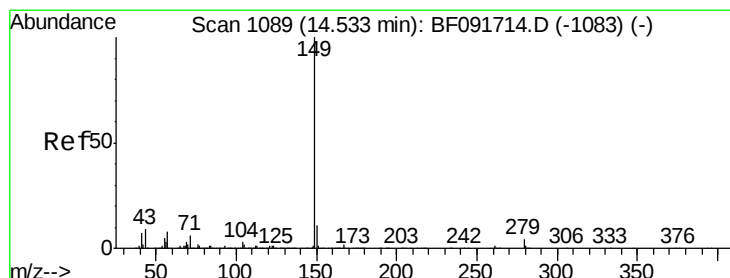
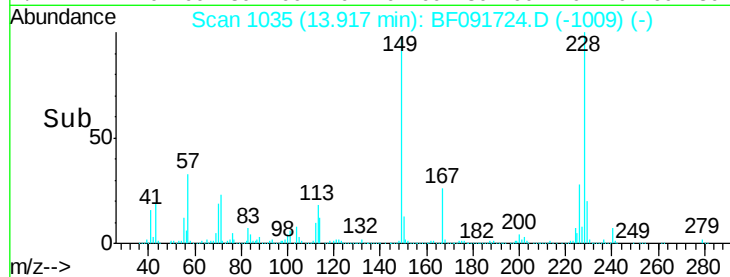
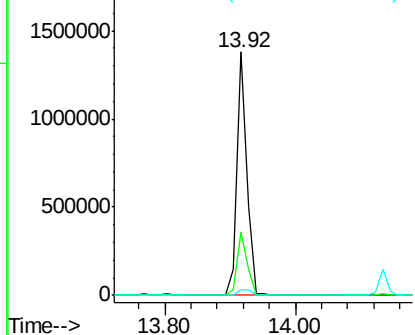
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.31 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tgt Ion:149 Resp: 1412961
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.2 30.4
 279 2.5 1.8 2.8

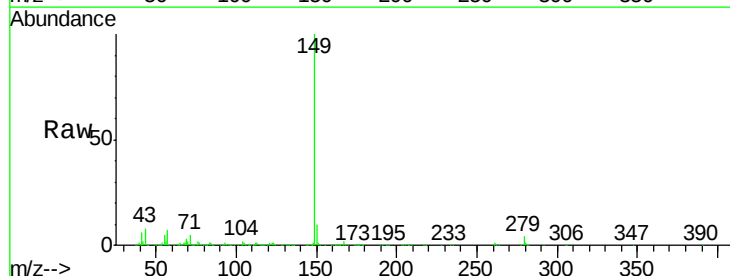


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

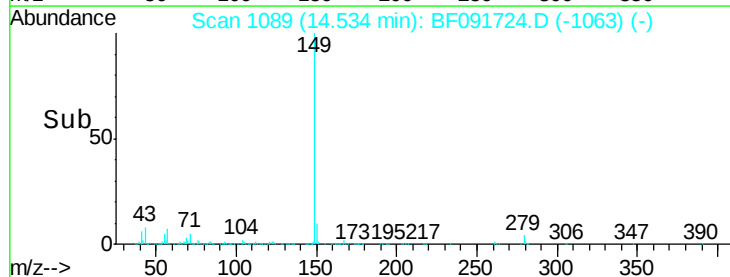
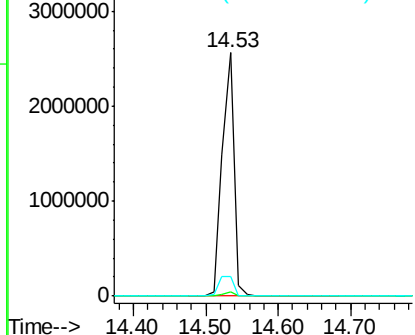


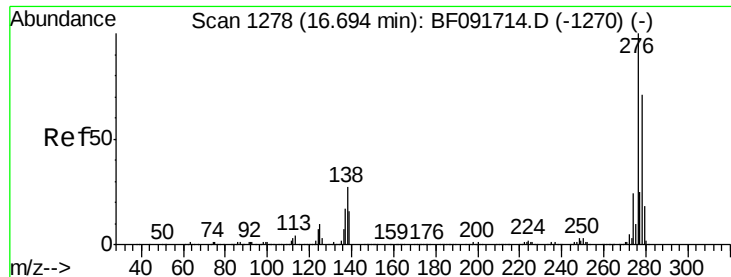
#84
 Di-n-octyl phthalate
 Concen: 48.46 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion:149 Resp: 2913497
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.5 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.45 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

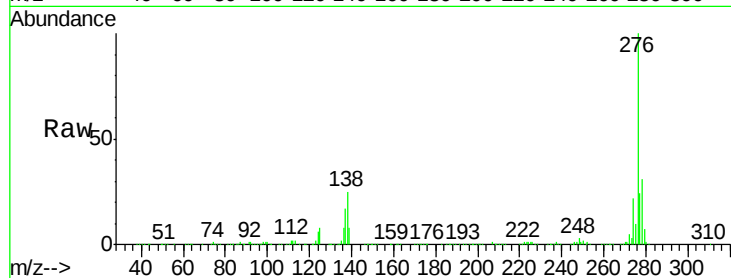
Tgt Ion:276 Resp: 2104994

Ion Ratio Lower Upper

276 100

138 26.9 21.8 32.6

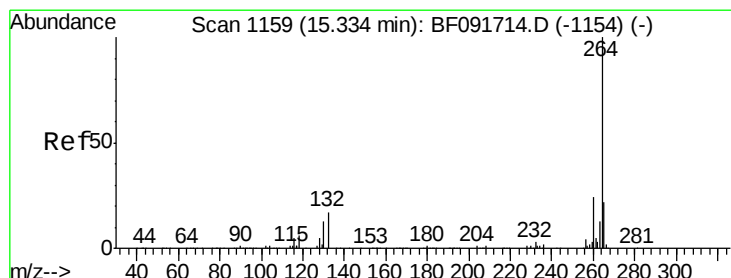
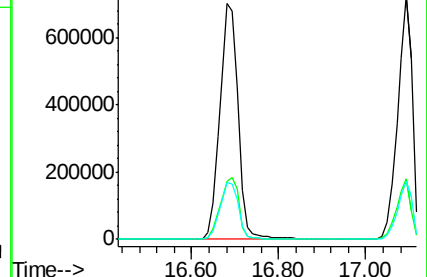
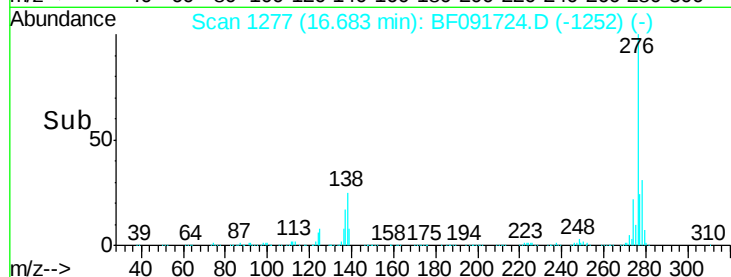
277 24.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

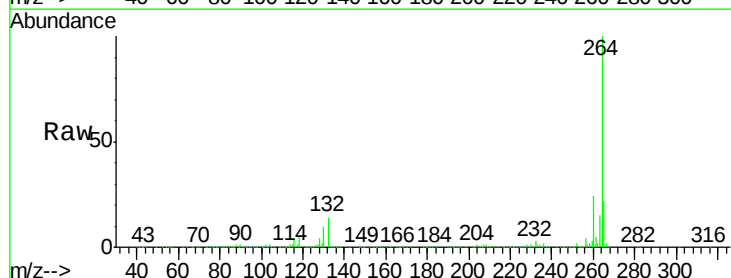
Tgt Ion:264 Resp: 817335

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

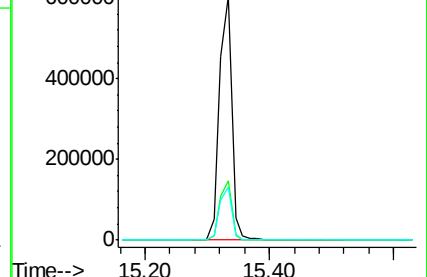
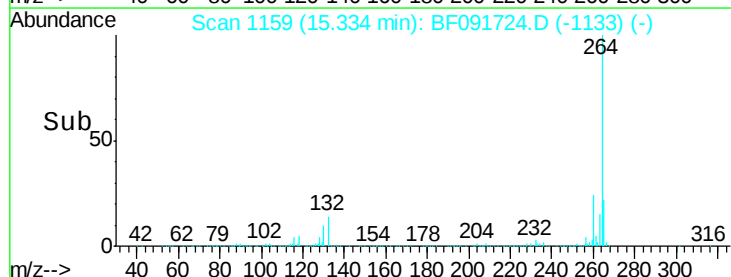
265 21.8 17.4 26.0

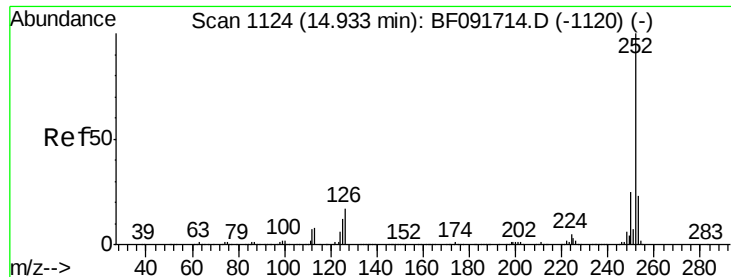


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

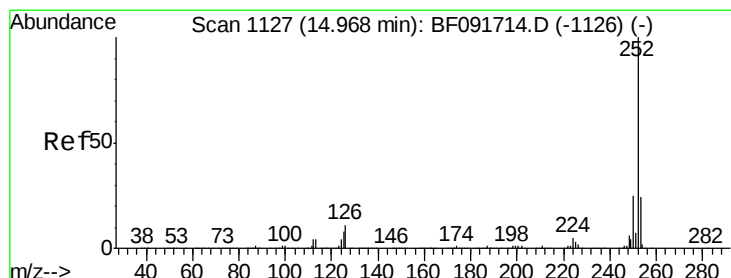
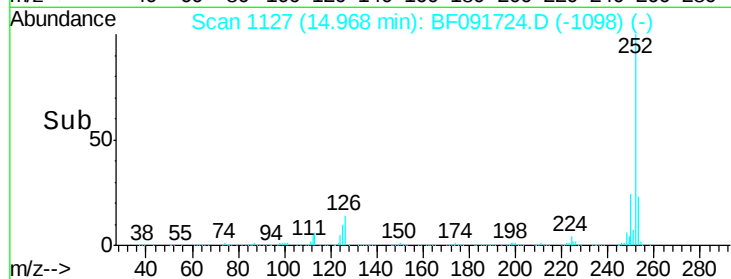
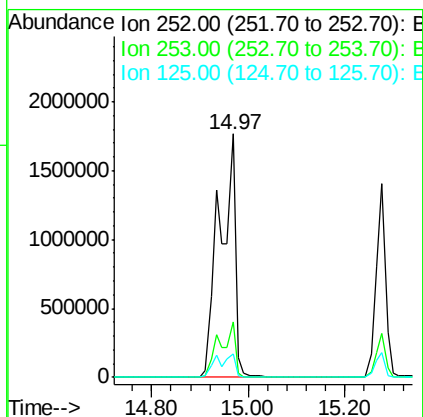
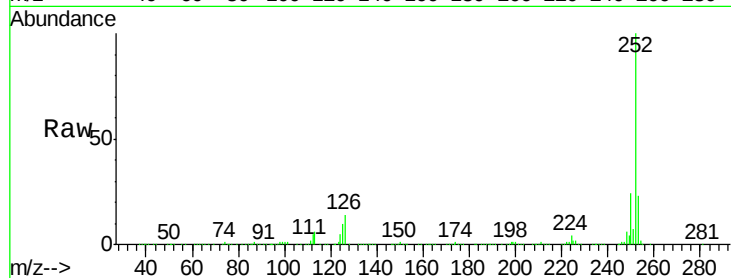




#87
Benzo(b)fluoranthene
Concen: 78.80 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.03 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

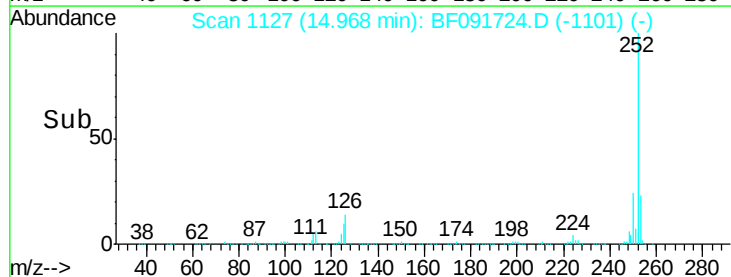
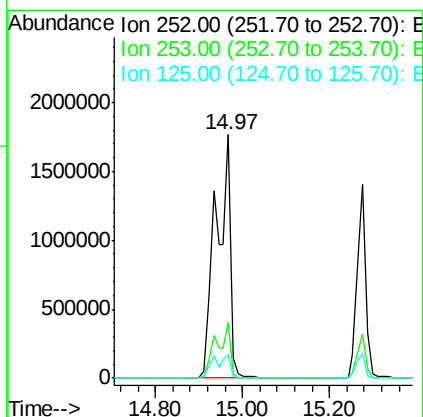
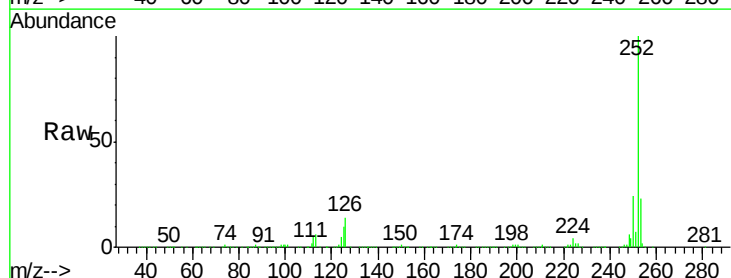
Instrument :
BNA_F
ClientSampleId :
PB95409BS

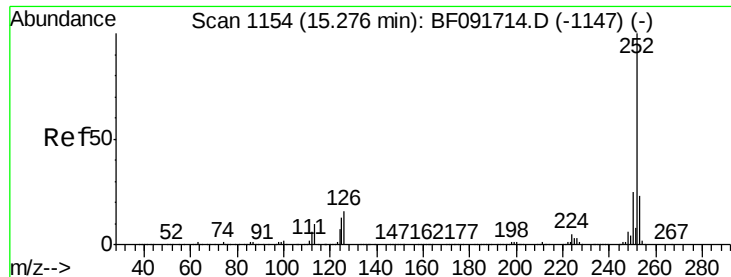
Tgt Ion:252 Resp: 4084202
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 9.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 112.37 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion:252 Resp: 4086356
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 9.9 8.9 13.3





#89

Benzo(a)pyrene

Concen: 43.15 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

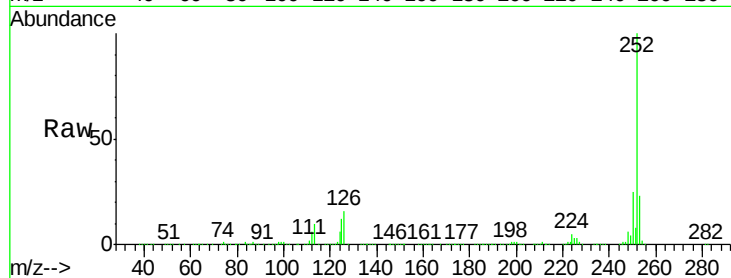
Tgt Ion:252 Resp: 1919421

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

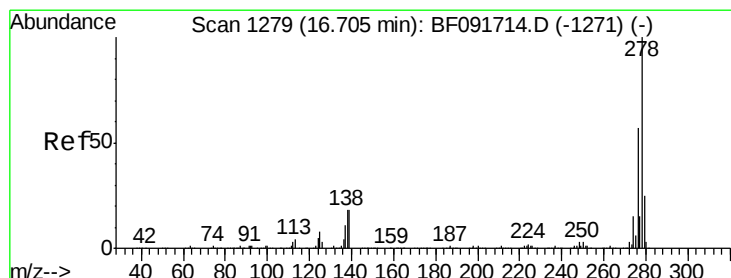
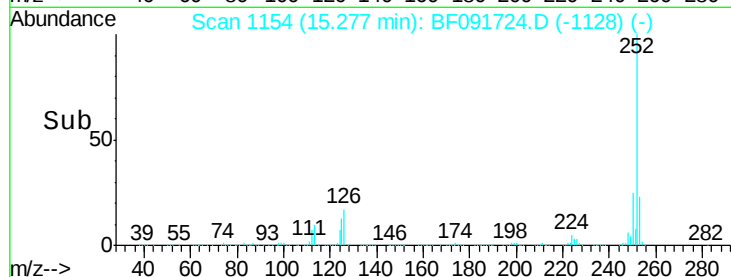
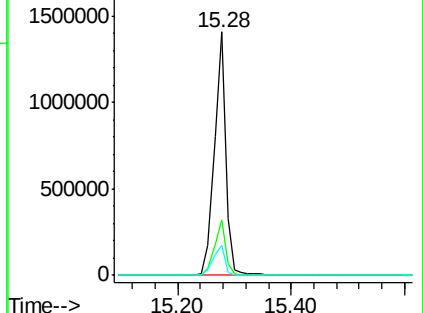
125 12.4 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.57 ng

RT: 16.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

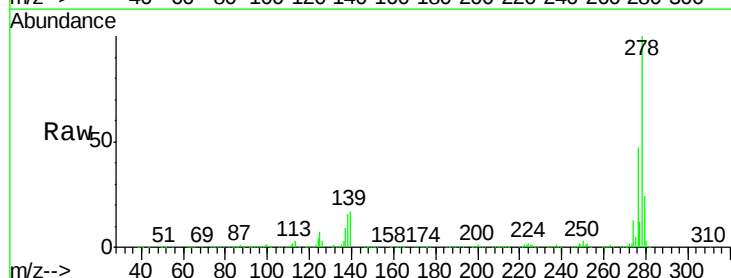
Tgt Ion:278 Resp: 1689353

Ion Ratio Lower Upper

278 100

139 17.5 14.8 22.2

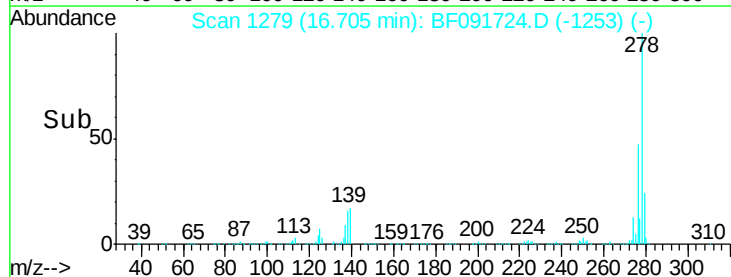
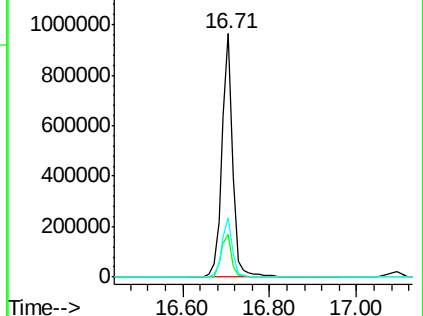
279 24.4 19.8 29.6

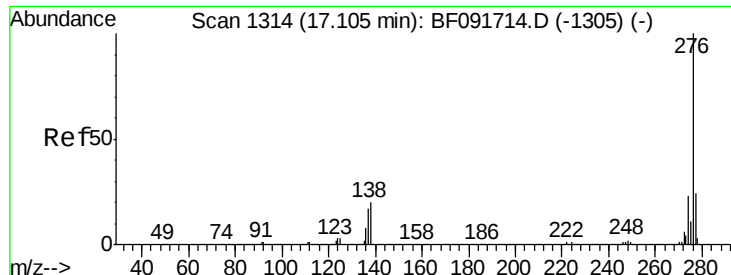


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.94 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

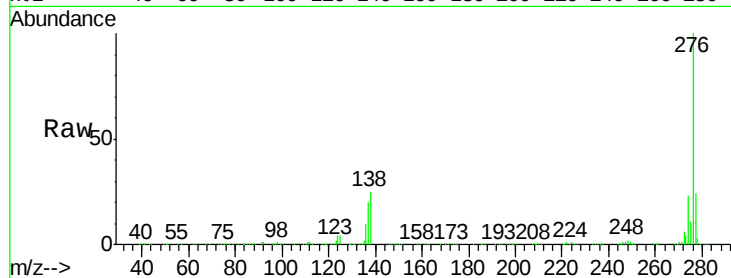
Tgt Ion:276 Resp: 1731636

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 24.6 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

